2020 Annual Report – MS4 General Permit

Town and Borough of Stonington

Stonington, Connecticut

April 1, 2021

Prepared by:

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Introduction

The following Annual Stormwater Report summarizes achievements made during 2020 by the Town & Borough of Stonington in implementing the goals and recommendations identified in the 2017 Stormwater Management Plan (SWMP). The SWMP was prepared to address the requirements of the CTDEEP General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems (MS4). Copies of the SWMP and the Annual Report can be viewed electronically on the Town of Stonington or Borough of Stonington website, or in person at either Town Hall location.

For more detailed stormwater information, please view the SWMP at the following location: https://www.stonington-ct.gov/engineering-floodplain-management/pages/phase-2-stormwater-permitting

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MS4 General Permit
Town and Borough of Stonington 2020 Annual Report
Existing MS4 Permittee
Permit Number GSM 000056 (TOS) & 000113 (BOS)
[January 1, 2020 – December 31, 2020]

This report documents the Town of Stonington & Borough of Stonington's efforts to comply with the conditions of the MS4 General Permit to the maximum extent practicable (MEP) from January 1, 2020 to December 31, 2020.

Part I: Summary of Minimum Control Measure Activities

1. Public Education and Outreach (Section 6 (a)(1) / page 19)

1.1 BMP Summary

BMP	Status	Activities in current reporting period (if needed, more space available after this table)	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
1-1 Implement public education and outreach	Ongoing	• Maintained the Town and Borough's Stormwater webpage • Distributed 26 copies Mermaid Island, by Sarah Ridyard, a children's book on the importance of water quality protection, to 3 middle schools, 7 Pre-schools and 1 Library with coverletter from selectmen (Attachment 1) • Participated in Eastern Connecticut Stormwater Collaborative events • Distributed Flood Awareness Newsletter to all residents in flood hazard zones (Attachment 2)	• Update and maintain Town and Borough websites to include educational materials identified in Table 3 of the SWMP and/or available on the CLEAR and CT NEMO MS4 Guide website, CUSH website, or listed in the Connecticut Nonpoint Source Management Program Plan. • Distribute educational materials.	Storm Water Taskforce (SWTF) & Engineering Dept.	Ongoing	Ongoing	The Town of Stonington is currently reviewing the Education and Outreach Program and is looking to enhance stormwater messaging and make changes in the coming year to incorporate new informational flyers and use social media more to publicise messaging.

		• Continued the Highway Department catch basin marking program Approximately 50 catch basins were marked in 2020					
1-2 Address education/ outreach for pollutants of concern*	Ongoing	• In previous years, Town distributed article in "Stonington Events" magazine regarding Nitrogen & Bacteria.	Select educational materials appropriate for impaired waters and stormwater pollutants of concern (see Tables 2 and 3 of SMP).	SWTF	Ongoing	Ongoing	*The Town did not publish this article in 2020 due to a vacancy, and intends to complete this in 2021*

Extra space for describing above BMP activities, if needed:

BMP	
1-1	The Stormwater Task Force (SWTF) did not meet in 2020 due to COVID-19. The SWTF intends to meet in 2021 as safety concerns due to COVID-19 decrease.
1-2	This publication was not distributed in 2020 due to COVID-19. Stonington Events magazine is intended to be published again in 2021.

1.2 Describe any Public Education and Outreach activities planned for the next year, if applicable.

- The Town intends to distribute at least one stormwater quality article via "Stonington Events" magazine, which is mailed quarterly to all Town residents.
- The Town is working with its consultant to identify new and seasonally appropriate stormwater focused articles and information and publish those materials quarterly in "Stonington Events" magazine and promote them through social media accounts.
- The Town and Borough are working with their consultant to create and disseminate educational stormwater materials to the schools in 2021.
- The Town will continue to participate in Eastern Connecticut Stormwater Collaborative Events.
- The Town plans to have Sarah Ridyard, the author of Mermaid Island, visit a middle school class and read to them in 2021.
- The Town has contracted with Fuss & O'Neill to compile and coordinate additional outreach materials for residents, businesses, developers, and industrial sites, along with an annual schedule for distributing these items.

1.3 Details of activities implemented to educate the community on stormwater

Program Element/Activity	Audience (and number of people reached)	Topic(s) covered	Pollutant of Concern addressed (if applicable)	Responsible dept. or partner org.
Flood awareness newsletter distributed to all residents in flood hazard areas	Entire Town	General Stormwater quality, Flooding, Green Infrastructure	Fertilizers, pesticides, pet waste	Engineering Department

Updated and maintained the Town and Borough's stormwater website	Entire Town	General Stormwater quality, Nitrogen, Bacteria, fertilizer	Fertilizers, pesticides, detergents, pet waste, nitrogen and bacteria	Engineering Department
Distributed Mermaid Island, a children's book about water quality protection to schools and library	Students	General Stormwater quality	Trash	Engineering Department

2. Public Involvement/Participation (Section 6(a)(2) / page 21)

2.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
2-1 Final Stormwater Management Plan publically available	Completed	The Stormwater Management Plan is maintained on the Town Engineering webpage and the Borough Stormwater Management webpage.	Maintain current notices and copy of latest SMP on Borough and Town websites	Engineering & Borough Warden	Ongoing	April 3, 2017	
2-2 Comply with public notice requirements for Annual Reports	Completed	Applicable public notice is maintained on the Town Engineering webpage and the Borough Stormwater Management webpage.	Maintain current notices and copy of latest Annual Report on Borough and Town websites	Engineering & Borough Warden	Feb 15, 2021	April 1, 2021	
2-3 Establish Stormwater Task Force	Completed	Completed the reformation of the Stormwater Task Force (SWTF) in 2018.	Create SWTF to assist in implementation of MS4 permit requirements	Town Engineer & Borough Warden	March 2018	Summer 2018	

Extra space for describing above BMP activities, if needed:

BMP	
2-1, 2-2	Town and Borough of Stonington SWMP and Annual Report available at: Town of Stonington: https://www.stonington-ct.gov/engineering-floodplain-management/pages/phase-2-stormwater-permitting Borough of Stoningtown: http://www.Borough.stonington.ct.us/stormwater-management/
2-3	The Stormwater Task Force was on hiatus in 2020 due to COVID-19.

2.2 Describe any Public Involvement/Participation activities planned for the next year, if applicable.

- Continue to work with the Eastern CT Conservation District as a Partner in the Eastern Connecticut Stormwater Collaborative to improve regional collaboration between local towns regarding Stormwater Management.
- Continue to work with and support the ECCD in achieving the goals of the Anguilla Brook Watershed Study.
- Work with the Stormwater Task Force to improve public engagement and awareness of stormwater quality issues. The Town hired a new Town Engineer in July 2020, after a 6-month vacancy. The Town intends to continue work with the SWTF to engage the public.

2.3 Public Involvement/Participation reporting metrics

Metrics	Implemented	Date	Posted
Availability of the Stormwater Management Plan to public	yes	March 31, 2017	See above links
Availability of Annual Report announced to public	yes	February 15, 2021	See above links

3. Illicit Discharge Detection and Elimination (Section 6(*a*)(3) and Appendix B / page 22)

3.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
3-1 Develop written IDDE program	Completed	The Town previously completed a joint written IDDE program for the Town and Borough.	Develop joint written plan of IDDE program for the Town and the Borough	Engineering & Borough Warden	Jul 1, 2018	Completed December, 2018	
3-2 Develop list and maps of all MS4 stormwater outfalls in priority areas	Completed	The Town/Borough previously contracted with Fuss & O'Neill to identify and map the priority areas in the Town and Borough to identify all MS4 stormwater outfalls in the priority areas. The Town/Borough also contracted with Fuss and O'Neill to complete an analysis of directly connected impervious area (DCIA) for each CT DEEP Local Basin within the Town and Borough. Please see Attachment 4 for the Town's outfall mapping.	Update GIS storm system mapping & Develop a list (database or spreadsheet) of Stormwater outfalls in priority areas including catchment delineations.	Engineering & Planning	Jul 1, 2019	Completed December, 2018	Priority areas were identified to the CT DEEP Local Basin level and were based on urbanized area, catchment areas with DCIA greater than 11%, and catchment areas of outfalls that directly discharge to impaired waters.
3-3 Implement citizen reporting program	Completed	The stormwater hotline is still available on the Engineering website for citizens to report concerns regarding stormwater.	Continue to support a citizen reporting 'hotline' and advertise it on the Town and Borough websites	Engineering	Ongoing	Completed June 2017	
3-4 Establish legal authority to prohibit illicit discharges	Completed	The Town reviewed and updated the IDDE ordinance in 2018 to ensure compliance with the permit. The IDDE Ordinance is posted on the Town website.	Review existing ordinance and revise accordingly.	Engineering	Jul 1, 2018	Completed June 2018	

3-5 Develop record keeping system for IDDE tracking	Completed	In 2018 the Town/Borough contracted with Fuss & O'Neill to develop a digital data collection system for tracking and recording data related to dry weather outfall inspections and sampling and wet weather sampling of outfalls that discharge to impaired waters. Dry weather outfall inspections and sampling and wet weather sampling of impaired waters began in 2019.	Develop IDDE tracking recordkeeping system	Engineering & Borough Warden	Jul 1, 2017	Completed January 2019	
3-6 Address IDDE in areas with pollutants of concern	Ongoing	The Town/Borough hired a consulting firm to conduct dry weather outfall inspections and sampling and wet weather sampling of outfalls that discharge to impaired waters in the late winter of 2019.	Conduct dry weather outfall inspection on all outfalls within the priority area and sample as required by the permit. Conduct wet weather outfall sampling on all outfalls that directly discharge to impaired waters. Address identified illicit discharges following the procedures in the written IDDE plan.	Sanitation, Engineering	Not specified	Summer 2021	Initial outfall inspections were started in 2019 and are currently underway with expected completion in 2021. >90% of outfalls have been inspected during dry weather. Wet-weather sampling has been conducted at >50% of outfalls.
3-7 Assess and prepare a priority ranking of catchments	Completed	The Town/Borough contracted with Fuss & O'Neill to complete catchment ranking and prioritization of outfalls in 2018.	Classify each catchment within priority areas into an excluded, problem, high priority or low priority catchment. Rank catchments within each category (except excluded catchments) based on screening factors found on page 6 & 7 in Appendix B of the Permit	Engineering	July 1, 2019	Completed December 2018	Catchment rankings were completed based on the CT DEEP Local Basins
3-8 Consolidate IDDE tracking spreadsheets	Completed	Compile all the IDDE tracking requirements into one spreadsheet	Create a consolidated spreadsheet	Engineering	-	July 1, 2018	Reason for addition: Make it easier to track all IDDE activities

3.2 Describe any IDDE activities planned for the next year, if applicable.

- Post written IDDE program to the Engineering Webpage and keep current with contact/hotline information.
- Maintain master list of any potential Illicit Discharges; monitor, evaluate and address accordingly.
- Complete dry-weather inspection of outfalls.
- Continue wet-weather sampling of outfalls discharging directly to impaired waters.

3.3 List of citizen reports of suspected illicit discharges received during this reporting period.

Date of Report	Location / suspected source	Response taken
No illicit discharges were identified in 2020.		

3.4 Provide a record of illicit discharges occurring during the reporting period and SSOs occurring July 2012 through end of reporting period using the following table.

Location (Lat long/ street crossing /address and receiving water)	Date and duration of occurrence	Discharge to MS4 or surface water	Estimated volume discharged	Known or suspected cause / Responsible party	Corrective measures planned and completed (include dates)	Sampling data (if applicable)
No illicit discharges were identified in 2020.						

3.5 Briefly describe the method used to track illicit discharge reports, responses to those reports, and who was responsible for tracking this information.

The Town of Stonington Engineering Department is the lead party responsible for tracking and responding to any known or reported Illicit Discharges. Currently, the Townmaintains an Excel spreadsheet with potential Illicit Discharges that require dry weather sampling or other further investigation. In addition to the Engineering Department, the Stonington Water Pollution Control Authority (WPCA) and local health district, Ledge Light Health District, typically field calls related to sewer overflows or sanitation issues and concerns. The Engineering Department has advised these Town departments of their responsibility to record any such SSO and/or Illicit Discharge related information on provided standardized forms and report to the Engineering Department on a yearly basis.

3.6 Provide a summary of actions taken to address septic failures using the table below.

Location and nature of structure with failing septic systems	Actions taken to respond to and address the failures	Impacted waterbody or watershed, if known
Please see Attachment 3 for list of septic system failures and repairs in 2020.		

3.7 IDDE reporting metrics

Metrics	
Estimated or actual number of MS4 outfalls	Town (340) Borough (17)
Estimated or actual number of interconnections	Unknown
Outfall mapping complete	100 %
Interconnection mapping complete	(0%)
System-wide mapping complete (detailed MS4 infrastructure)	100%
Outfall assessment and priority ranking	100%
Dry weather screening of all High and Low priority outfalls complete	98%
Catchment investigations complete	0
Estimated percentage of MS4 catchment area investigated	0

3.8 Briefly describe the IDDE training for employees involved in carrying out IDDE tasks including what type of training is provided and how often is it given (minimum once per year).

On February 8, 2019 the Town of Stonington and the Town's sampling consultant received training regarding use of a digital data collection system for dry weather outfall screening and sampling and wet weather sampling of outfalls that discharge to impaired waters. The training included information on how to conduct outfall screening and sampling to meet permit requirements, how to detect an illicit discharge and how to document and record information gathered during screening and sampling.

The Town and Borough have contracted with their consultant to conduct annual MS4 training for Town and Borough employees involved in the MS4 program, especially those with specific roles in the Town and Borough's IDDE program. This training scheduled for spring 2020 was postponed due to COVID and will be rescheduled for 2021.

On December 21, 2017, the Town of Stonington Engineering Department coordinated 2 specific training sessions on the following topics:

- Spill Prevention and Response
- Town wide Stormwater Management Training - MS4

Training was provided for the following facility employees:

- Public Works
- School Facilities – Maintenance
- Solid Waste/Transfer Station
- Police Department - Maintenance
- Water Pollution Control Authority
- Town Dock

4. Construction Site Runoff Control (Section 6(a)(4) / page 25)

4.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department or Person Responsible	Due	Date completed or projected completion date	Additional details
4-1 Implement, upgrade, and enforce land use regulations or other legal authority to meet requirements of MS4 general permit	In Progress	The Town/Borough contracted with Fuss & O'Neill in 2019 to complete a review of the Town and Borough's land use regulations and implementation policies for compliance with the MS4 permit.	Review and update, as necessary, existing land use regulations and implementation policies for compliance with the MS4 General Permit construction site stormwater runoff control requirements.	Town & Borough Land Use Agencies	Jul 1, 2019	July 1, 2021	The Town/Borough's consultant completed a review of legal authority and land use regulations in 2019. Due to staffing changes in the Town and delays due to COVID-19, the process of amending regulations is ongoing.
4-2 Develop and Implement plan for interdepartmental coordination in site plan review and approval	Ongoing	Site plan review & approval processes are followed for all applicable land use applications	Continue to implement interdepartmental coordination procedures as described in Section 5.2 of the Town SWMP	Town & Borough Land Use Agencies	Ongoing	Ongoing throughout entire permit	
4-3 Review site plans for stormwater quality concerns	Ongoing	Reviewed 140 Land development applications in total, including all greater than 1 acre, for compliance with existing stormwater quality regulations in the Town of Stonington. The Borough did not review any site plans for land development in 2020.	Continue to complete site plan reviews for all projects subject to the land use regulations listed in BMP 4-1.	Engineering & Town, Borough Land Use Agencies	Ongoing	Ongoing throughout entire permit	
4-4 Conduct site inspections	Ongoing	The Stonington Zoning Enforcement Officer is tasked with ensuring all erosion and sediment control measures are adequately installed prior to the start of construction.	Continue to conduct inspections and enforcement to assess and ensure the adequacy of the installation, maintenance, operation, and repair of construction and postconstruction control measures.	Town & Borough Land Use Agencies and/or Town staff (Stonington ZEO)	Ongoing	Ongoing throughout entire permit	Additional and ongoing inspections for the maintenance of E&S measures is something the Town will continue to consider when funding becomes available for increased inspections.

4-5 Implement procedure to allow public comment on site development	Ongoing	Both the Town of Stonington & Borough have a hotline which remains active and up to date.	Continue to post notices of Stonington's "hotline" for stormwater related comments on the municipal stormwater websites	Town & Borough Land Use Agencies	Ongoing	March 31, 2017	
4-6 Implement procedure to notify developers about DEEP construction stormwater permit	Ongoing	Require qualifying land development projects to register with the CTDEEP and show proof of registration prior to construction	Continue to inform developers/contractors of their obligation to register under the DEEP construction general permit and to provide a copy of the Storm Water Pollution Control Plan to Stonington upon Request, as necessary.	Town & Borough Land Use Agencies / Engineering Department	Ongoing	Ongoing throughout entire permit	

4.2 Describe any Construction Site Runoff Control activities planned for the next year, if applicable.

- Work with consultant to update and amend, as required, current Town and Borough construction site regulations.
- Continue to monitor construction sites to the best of staff ability.
- Ensure the CTDEEP Construction General Permit is applied for and on file with the Town for applicable projects prior to the start of construction.

5. Post-construction Stormwater Management (Section 6(*a*)(5) / page 27)

5.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
5-1 Establish and/or update legal authority and guidelines regarding LID and runoff reduction in site development planning	Ongoing	The Town/Borough contracted with Fuss & O'Neill in 2019 to complete a review of the Town and Borough's land use regulations, including the Town's Technical Standards. This includes review of the Town's Post-construction regulatory mechanisms and legal authority, as well as identification of regulatory barriers to implementing LID and runoff reduction practices and suggestions for reducing or eliminating those barriers.	Review and update, as necessary, existing land use regulations and implementation policies (including Technical Standards) for compliance with the General Permit postconstruction stormwater management requirements	Town Planning Zoning Commission, Borough Planning Zoning Commission, Engineering, SWTF	Jul 1, 2021	Jul 1, 2021	The Town/Borough's consultant completed a review of legal authority and land use regulations in 2019. Due to staffing changes in the Town, and delays from COVID-19 the process of amending regulations is ongoing.

5-2 Enforce LID/runoff reduction requirements for development and redevelopment projects	Ongoing	The Town/Borough contracted with Fuss & O'Neill in 2019 to complete a review of the Town and Borough's land use regulations, including the Town's Technical Standards. This includes review of the Town's Post-construction regulatory mechanisms and legal authority, as well as identification of regulatory barriers to implementing LID and runoff reduction practices and suggestions for reducing or eliminating those barriers.	Review and update, as necessary, current regulations to identify, reduce, or eliminate existing regulatory barriers to implementation of LID and runoff reduction practices.	Town Planning Zoning Commission, Borough Planning Zoning Commission, Engineering	Ongoing beginning Jul 1, 2019	Jul 1, 2021	The Town/Borough's consultant completed a review of legal authority and land use regulations in 2019. Due to staffing changes in the Town, and delays from COVID-19 the process of amending regulations is ongoing.
5-3 Identify retention and detention ponds in priority areas	Ongoing	The Town and Borough have in past years contracted with Fuss & O'Neill to identify additional existing stormwater BMPs throughout the Town and Borough and update this list annually. This survey included identification of ownership and maintenance responsibility.	Review past permits and known stormwater facilities in an effort to create a comprehensive list of stormwater systems within priority areas.	Planning Department, Engineering Department, Public Works, Borough Warden	Jul 1, 2019	Ongoing throughout permit term	The Town/Borough are working to update the list annually with their consultant
5-4 Implement long-term maintenance plan for stormwater basins and treatment structures	Ongoing	The Engineering Department and Planning Department continue to require maintenance plans for all stormwater infrastructure proposed as part of land-use applications. Follow-up of implementation strategies and measures can be improved upon. The Town/Borough have also contracted with Fuss & O'Neill to develop operation and maintenance procedures for Town-owned or operated stormwater BMPs.	Develop a long-term maintenance plan for retention/detention basins and stormwater treatment structures. Implement maintenance plan including annual inspection of retention / detention basins and stormwater treatment structures and removal of accumulated sediment and pollutants.	Planning: Town Planning Department, Borough Planning & Zoning Commission, Engineering Implementation: Engineering, Public Works, Planning Department	Ongoing beginning Jul 1, 2019	Ongoing throughout permit term	
5-5 DCIA mapping	Initial mapping is completed, revisions	The Town/Borough contracted with Fuss & O'Neill to complete an initial analysis of directly connected impervious area (DCIA)in the Town	Calculate the Directly Connected Impervious Area (DCIA) of outfall	Engineering & Planning	Jul 1, 2020	Completed December, 2018; updates	DCIA was calculated using estimates of total impervious area provided by the UConn

	will be ongoing as DCIA is added or removed.	and Borough's Priority Area for each CT DEEP Local Basin. The Town/Borough have previously contracted with Fuss & O'Neill to complete revisions to DCIA estimates based on development projects completed within 5 years prior to the permit effective date.	catchment areas using guidance provided by DEEP and UConn CLEAR. Revise DCIA estimate as development, redevelopment, or retrofit projects effectively add or remove DCIA.			ongoing throughout permit term.	NEMO program and literature-based equations relating to total and connected impervious area for various land uses.
5-6 Address post-construction issues in areas with pollutants of concern	Not Started	Not Started	Address erosion and sediment problems noted during inspections conducted under BMP 5-3 through the retrofit program developed under BMP 6-7.	Engineering, Planning, Public Works	Not specified	On or before Jul 1, 2022	

5.2 Describe any Post-Construction Stormwater Management activities planned for the next year, if applicable.

- Update stormwater BMP inventory
- Update DCIA disconnection based on site plans from 5 years before the effective permit date through current year
- Work with the SWTF and Zoning to determine best means and methods for requiring post-construction stormwater management maintenance and ensuring/tracking/monitoring ongoing maintenance.

5.3 Post-Construction Stormwater Management reporting metrics

Metrics	
Baseline (2012) Directly Connected Impervious Area (DCIA)	871 acres
DCIA disconnected (redevelopment plus retrofits)	0 acres this year / 0 acres total
Retrofits completed	0
DCIA disconnected	0% this year / 0% total since 2012
Estimated cost of retrofits	0
Detention or retention ponds identified	2/2

5.4 Briefly describe the method to be used to determine baseline DCIA.

DCIA was estimated for each CTDEEP local basin. All local basins were clipped to the geographic extent of the Town and therefore only include areas of the basins within this extent. The 30-meter resolution 2011 National Land Cover Database (NLCD) was used along with the 1-foot resolution 2012 Connecticut Statewide Impervious Surface dataset provided by CTECO to estimate DCIA. Land cover in the basin was separated into four categories that represent varying degrees of development density (Developed, High Intensity; Developed, Medium Intensity; Developed, Low Intensity; and all other classes). Each of these four categories was related to the four levels of basin connectivity as described on the UConn NEMO website ("Wicked Connected," "Moderately Connected," "Sorta Connected," and "Slightly Connected"). The Sutherland equations provided by UConn NEMO that are associated with each of the four connectivity levels were used to convert percent impervious area to percent DCIA. DCIA was estimated for each basin using the following steps:

1. The percent impervious cover was calculated for each 30x30 meter land cover raster cell and the total percentage was summed across all raster cells in the local basin, resulting in a percent impervious cover value for each land cover category.
2. The Sutherland equations were used to convert percent IC across the local basin to percent DCIA for each of the four areas of land cover.
3. The percent DCIA for each land cover category was multiplied by the total area of that category. The four resulting values were added together to find the total local basin DCIA.
4. The total local basin DCIA was divided by the local basin area (within the town boundary) to determine percent DCIA for the local basin.

Step 1 above was performed on a loop for each local basin using GIS and Python, while the remaining steps were performed as spreadsheet calculations. The 1-foot resolution IC raster was resampled to 5-foot resolution in order to reduce computational time. This changed the raster from 18 binary (1 for impervious, 0 for pervious) to non-binary, where the value of each 5x5 foot raster cell is the total square footage of IC within the cell (between 0 and 25 square feet). The DCIA analysis was conducted prior to the decision by CT DEEP that state roads should not be included in DCIA calculations. As such, the Town's calculations represent an overestimate of DCIA. The overestimation will be corrected at a later date as DCIA is tracked in subsequent years.

6. Pollution Prevention/Good Housekeeping (Section 6(*a*)(6) / page 31)

6.1 BMP Summary

BMP	Status	Activities in current reporting period	Measurable goal	Department / Person Responsible	Due	Date completed or projected completion date	Additional details
6-1 Develop/implement formal employee training program	Ongoing	The Town and Borough contracted with their consultant to do annual MS4 training that was scheduled for spring 2020. The training would have included the following topics: Spill Prevention and Response Town wide Stormwater Management Training (MS4). This training was cancelled due to COVID-19. The Town will look to include MS4 training during the upcoming year. The Town is exploring incorporating recorded MS4 trainings from other states such as an IDDE training done in MA in 2020.	Continue to implement joint training program for Town and Borough employees, building on the Town's current program defined in section 7.2 of the SMP	Public Works, Engineering & Borough	Ongoing	Ongoing throughout entire permit	

		https://www.centralmastormwater.org/toolbox/pages/training-presentations On February 8, 2019 the Town of Stonington and the Town's sampling consultant received training regarding use of a digital data collection system for dry weather outfall screening and sampling and wet weather sampling of outfalls that discharge to impaired waters.					
6-2 Implement MS4 property and operations maintenance	Ongoing	The Department of Public Works has two State certified lawn/turf care applicators of which are directly responsible for the day to day maintenance of athletic fields for the Stonington school district. The care of these athletic fields utilizes current industry BMP standards. Two Town employees attended pesticide/herbicide training in 2019 and one employee attended in 2020. The Town was able to reduce herbicides used on Town properties by 20% in 2019 and 10% in 2020. All other municipal buildings and facilities' grounds are maintained by the Public Works Department. The Town-wide residential leaf collection program was discontinued in 2020. The Town still collects leaves from the public right of way and from areas with poor drainage.	• Implement turf/fertilizer management BMPs for parks and open space • Implement pet waste education program and install additional signage, baggies, and disposal receptacles, as needed, in areas where pet walking is common • Implement waterfowl management BMPs in targeted areas as needed • Evaluate municipal buildings and facilities for spill prevention and pollution prevention practices and implement additional BMPs as necessary • Evaluate and modify, as necessary, municipal vehicle and equipment parking, fueling, and maintenance practices • Continue to collect leaf litter from the Town ROW, roadways, Town properties and areas of poor drainage	Town & Borough Public Works Departments	Ongoing beginning Jul 1, 2018	Ongoing throughout entire permit timeframe	

6-3 Implement coordination with interconnected MS4s	Ongoing	The Town currently notifies the clerk of any adjoining municipality or subdivision applications for which a significant portion of water drainage will flow through and significantly impact the adjoining municipality. The Town also requires Subdividers to obtain an encroachment permit from CTDOT when a proposed drainage system connects to a state maintained drainage system.	Coordinate with neighboring municipalities, institutions, and DOT regarding stormwater management program activities associated with the adjacent MS4s	Town Public Works, and Borough Highway Department	Not specified	Ongoing	
6-4 Develop/implement program to control other sources of pollutants to the MS4	Ongoing	The Town and Borough continue to control sources of pollution to the MS4 through the existing IDDE program, water quality monitoring, the Town's ordinance related to illicit discharge and illegal connection, and targeted education and outreach to commercial, industrial, municipal, institutional facilities owners/operators.	Control through IDDE program, water quality monitoring, the Town's Illicit Discharge and Illegal Connection Ordinance, and targeted education and outreach to commercial, industrial, municipal, institutional facilities owners/operators (see BMP 1-1 within the SMP).	SWTF	Not specified	Ongoing	
6-5 Evaluate additional measures for discharges to impaired waters*	Not Started	None	Implement the measures and procedures described in Section 7.2 of the SWMP, including those measures to address stormwater pollutants of concern	Town & Borough DPW	Not specified	Summer 2021	
6-6 Track projects that disconnect DCIA	In Progress	The Town/Borough have previously contracted with Fuss & O'Neill to calculate removal of DCIA based on development projects completed within 5 years prior to the permit effective date to the current date.	Annually track total acreage of DCIA that is disconnected as a result of redevelopment or retrofits (see BMPs 5-4 and 6-7 of the SMP)	Town Engineering, Planning	Ongoing	Ongoing throughout entire permit timeframe	
6-7 Implement infrastructure repair/rehab program	Ongoing	In 2020 the Stonington Department of Public Works completed the following stormwater infrastructure repairs/improvements: - Replaced (3) Culverts - Repaired (46) catch basins - Inspected (1448) catch basins The Stonington Borough DPW completed the following repairs/improvements:	Repair, rehabilitate, or retrofit MS4 infrastructure (e.g., conveyances, structures, outfalls) as needed in a timely manner.	Engineering, Public Works	Jul 1, 2021	Ongoing throughout entire permit timeframe	

		- Repaired (1) catch basin -Inspected (3) catch basins The Engineering Department has initiated a request for funding to complete (3) large scale capital improvement projects pertaining to existing stormwater conveyance systems: 1. Coogan Boulevard Culvert Rehabilitation. Funding for this project was requested in 2019 but was unavailable. This project has been deferred in favor of more pressing infrastructure needs based on the bridge preservation project. 2. Washington Street Drainage Improvements. Funding for this project was approved in 2019 and 2020. Additional funding will be requested in 2021. The project is ongoing and progressing in design. 3. Fourth District Voting Hall. This project is out to bid and construction is expected summer 2021.					
6-8 Develop/implement plan to identify/prioritize retrofit projects	Not Started	None	Develop retrofit plan and list of priority sites	Engineering, Planning SWTF	Jul 1, 2020	Summer 2022	
6-9 Implement retrofit projects to disconnect 2% of DCIA	Not Started	None	Disconnect 1% per year of Stonington's DCIA from the MS4	Engineering, Planning SWTF	Jul 1, 2022	Summer 2022	
6-10 Develop/implement street sweeping program	Ongoing	Both the Town and the Borough sweep streets on an annual basis. Downtown areas get swept multiple times per year to keep areas clean and prepare for special events.	Continue to inspect and sweep all municipally-owned or –operated streets and parking lots Schedule for completion: a. Priority Areas – annually in spring following the cessation of winter maintenance activities (i.e., sanding, deicing, etc. b. Outside Priority Areas (inc. rural uncurbed	Town of Stonington & Borough DPW	Ongoing beginning Jul 1, 2017	Ongoing throughout permit timeframe	

			streets and parking lots with no catch basins) – in spring or develop and implement an inspection, documentation, and targeted sweeping plan				
6-11 Develop/implement catch basin cleaning program	Ongoing	Both the Town and the Borough clean/vacuum catch basins on an annual basis.	Inspect and clean catch basins as necessary Inspection Schedule: a. 100% within Priority Areas b. 100% of MS4 Develop a plan for optimizing catch basin cleaning (i.e., reduced frequency in certain areas) based on inspection findings, such that no catch basin is more than 50% full	Town of Stonington & Borough DPW	Ongoing beginning Jul 1, 2020	Ongoing throughout permit timeframe	
6-12 Develop/implement snow management practices	Ongoing	The Town of Stonington has 14 designated plow routes. All plow drivers have attended training for salt application and snow removal BMPs in the past. Employees are trained annually on BMPs for snow management. Training was completed in November 2019 during the prewinter operations meeting. Software to manage salt application is installed in all large trucks with built in spreaders. All trucks with spreaders are calibrated prior to the start of any winter event and then are rechecked in February. The Town minimizes the use of salt and no sand is used on the Town's road system. The Town uses treated salt only and it is only applied when the road surface is wet to ensure maximum adhesion to the road surface. GPS units were previously installed on all plow trucks within the Town of Stonington DPW Department.	• Calibrate all trucks with spreaders prior to the start of any winter event • Recheck truck calibration again in February • Minimize the use of salt to the extent practicable. • Use treated salt only and apply when road surface is wet to ensure maximum adhesion to the road surface. • Provide annual training to staff on snow removal	Town of Stonington & Borough DPW	Ongoing beginning Jul 1, 2018	Ongoing throughout permit timeframe	

Extra space for describing above BMP activities, if needed:

BMP	
	Software was installed on all large trucks with built-in spreaders to track quantity of salt used and the application rate. This information provides the DPW with valuable information necessary to improve and properly manage snow removal operations ensuring each treatment is effective. Two Town employees attended snow removal training in 2019 and two employees attended pesticide/herbicide training in 2019. One employee attended pesticide/herbicide training in 2020. The Town has two licensed Supervisory Level Pesticide Employees that attend annual training to keep the license active.

6.2 Describe any Pollution Prevention/Good Housekeeping activities planned for the next year, if applicable.

- Training staff for advanced snow management techniques such as pretreatment and brine applications will continue in an effort to stay in tune with the leading industry standards.
- The Town/Borough have contracted with Fuss & O'Neill to track DCIA removal estimates based on development projects completed within 5 years prior to the permit effective date to the current date.

6.3 Pollution Prevention/ Good Housekeeping reporting metrics

Metrics	
Employee training provided for key staff	Yes; February 8, 2019 (general sw training), November 2019 (snow removal)
Street sweeping	
Curb miles swept	Town: 113 miles Borough: 9 miles
Volume (or mass) of material collected	Town: 85 tons
Catch basin cleaning	
Total catch basins in priority areas	Town: Unknown Borough: 80
Total catch basins in MS4	Town: 1600 Borough: 110
Catch basins inspected	Town: 1448 Borough: 3
Catch basins cleaned	Town: 1372 Borough: 72
Volume (or mass) of material removed from all catch basins	Town: 90 tons Borough: 10 yds
Volume removed from catch basins to impaired waters (if known)	Town: Unknown Borough: 10 yds
Snow management	
Type(s) of deicing material used	Morton Ice-B-Gone Road Salt
Total amount of each deicing material applied	Town: 1078 tons Borough: 24 yds

Type(s) of deicing equipment used	Town: Compu-Spread by Rexroth Borough: Standard Spreaders
Lane-miles treated	Town: 113 miles of road per event Borough: 8 miles per ice/snow event
Snow disposal location	Spellman Park common space
Staff training provided on application methods & equipment	Two Town employees attended snow removal training in 2019
Municipal turf management program actions (for permittee properties in basins with N/P impairments)	
Reduction in application of fertilizers (since start of permit)	The Town of Stonington reduced its pesticide application rate on Town land by approximately 25% in 2018 and reduced herbicide use by approximately 20% in 2019. Herbicide use was reduced another 10% in 2020.
Reduction in turf area (since start of permit)	None
Lands with high potential to contribute bacteria (dog parks, parks with open water, & sites with failing septic systems)	
Cost of mitigation actions/retrofits	None

6.4 Catch basin cleaning program

Provide any updates or modifications to your catch basin cleaning program
Both the Town and the Borough continue to clean/vacuum catch basins on a yearly basis.

6.5 Retrofit program

Briefly describe the Retrofit Program identification and prioritization process, the projects selected for implementation, the rationale for the selection of those projects and the total DCIA to be disconnected upon completion of each project.
The Town and Borough have started the Retrofit Program to identify and prioritize disconnection opportunities and intends to continue to implement projects.

Describe plans for continuing the Retrofit program and how to achieve a goal of 1% DCIA disconnection in future years.
The Town and Borough have started the Retrofit Program to identify and prioritize disconnection opportunities and intends to continue to implement projects.

Describe plans for continuing the Retrofit program beyond this permit term with the goal to disconnect 1% DCIA annually over the next 5 years.
The Town and Borough have started the Retrofit Program to identify and prioritize disconnection opportunities and intends to continue to implement projects.

Part II: Impaired waters investigation and monitoring

1. Impaired waters investigation and monitoring program

1.1 Indicate which stormwater pollutant(s) of concern occur(s) in your municipality or institution. This data is available on the MS4 map viewer: http://s.uconn.edu/ctms4map.

Nitrogen/ Phosphorus ☒ Bacteria ☒ Mercury ☐ Other Pollutant of Concern ☐

1.2 Describe program status.

Discuss 1) the status of monitoring work completed, 2) a summary of the results and any notable findings, and 3) any changes to the Stormwater Management Plan based on monitoring results.
Wet Weather impaired waters sampling began in spring of 2019. In 2018 the Town/Borough contracted with Fuss & O'Neill to create a digital data collection system for dry weather outfall screening and sampling and wet weather impaired waters sampling. Wet Weather sampling has been conducted at >50% of outfalls. The results of the sampling are provided in Attachment 7.

2. Screening data for outfalls to impaired waterbodies (Section 6(i)(1) / page 41)

2.1 Screening data

Complete the table below for any outfalls screened during the reporting period. Each Annual Report will add on to the previous year's screening data showing a cumulative list of outfall screening data.

Outfall ID	Sample date	Parameter (Nitrogen, Phosphorus, Bacteria, or Other pollutant of concern)	Results	Name of Laboratory (if used)	Follow-up required? *
See Attachment 6 for outfall screening results					

2.2 Credit for screening data collected under 2004 permit

If any outfalls to impaired waters were sampled under the 2004 MS4 permit, that data can count towards the monitoring requirements under the modified 2017 MS4 permit. Complete the table below to record sampling data for any outfalls to impaired waters under the 2004 MS4 permit.

Outfall	Sample date	Parameter (Nitrogen, Phosphorus, Bacteria, or Other pollutant of concern)	Results	Name of Laboratory (if used)	Follow-up required? *
Nothing to report					

*Follow-up investigation required (last column) if the following pollutant thresholds are exceeded:

Pollutant of concern	Pollutant threshold
Nitrogen	Total N > 2.5 mg/l
Phosphorus	Total P > 0.3 mg/l
Bacteria (fresh waterbody)	• E. coli > 235 col/100ml for swimming areas or 410 col/100ml for all others • Total Coliform > 500 col/100ml
Bacteria (salt waterbody)	• Fecal Coliform > 31 col/100ml for Class SA and > 260 col/100ml for Class SB • Enterococci > 104 col/100ml for swimming areas or 500 col/100 for all others
Other pollutants of concern	Sample turbidity is 5 NTU > in-stream sample

3. Follow-up investigations (Section 6(i)(1)(D) / page 43)

Provide the following information for outfalls exceeding the pollutant threshold.

Outfall	Status of drainage area investigation	Control measure implementation to address impairment
OF-47	Not yet started	
OF-92	Not yet started	
OF-225	Not yet started	
OF-328	Not yet started	
OF-245	Not yet started	

4. Prioritized outfall monitoring (Section 6(i)(1)(D) / page 43)

Once outfall screening has been completed for at least 50% of outfalls to impaired waters, identify 6 of the highest contributors of any pollutants of concern. Begin monitoring these outfalls on an annual basis by July 1, 2020.

Outfall	Sample Date	Parameter(s)	Results	Name of Laboratory (if used)
See Attachment 7 for monitoring data				

Part III: Additional IDDE Program Data

1. Assessment and Priority Ranking of Catchments data (Appendix B (A)(7)(c) / page 5)

Provide a list of all catchments with ranking results (DEEP basins may be used instead of manual catchment delineations).

1. Catchment ID (DEEP Basin ID)	2. Category	3. Rank
Please see the Attachment 5 for the catchment ranking		

2. Outfall and Interconnection Screening and Sampling data (Appendix B (A)(7)(d) / page 7)

2.1 Dry weather screening and sampling data from outfalls and interconnections

Provide sample data for outfalls where flow is observed. Only include Pollutant of concern data for outfalls that discharge into stormwater impaired waterbodies.

Outfall / Interconnection ID	Screening / sample date	Ammonia	Chlorine	Conductivity	Salinity	E. coli or enterococcus	Surfactants	Water Temp	Pollutant of concern	If required, follow-up actions taken
See Attachments 6 and 7 for screening and sampling data										

2.2 Wet weather sample and inspection data

Provide sample data for outfalls and key junction manholes of any catchment area with at least one System Vulnerability Factor.

Outfall / Interconnection ID	Sample date	Ammonia	Chlorine	Conductivity	Salinity	E. coli or Enterococcus	Surfactants	Water Temp	Pollutant of concern
See Attachment 7 for sample and inspection data									

3. Catchment Investigation data (Appendix B (A)(7)(e) / page 9)

3.1 System Vulnerability Factor Summary

For those catchments being investigated for illicit discharges (i.e. categorized as high priority, low priority, or problem) document the presence or absence of System Vulnerability Factors (SVF). If present, report which SVF's were identified. An example is provided below.

Outfall ID	Receiving Water	System Vulnerability Factors
Not yet started.		

Where SVFs are:

1. History of SSOs, including, but not limited to, those resulting from wet weather, high water table, or fat/oil/grease blockages.
2. Sewer pump/lift stations, siphons, or known sanitary sewer restrictions where power/equipment failures or blockages could readily result in SSOs.
3. Inadequate sanitary sewer level of service (LOS) resulting in regular surcharging, customer back-ups, or frequent customer complaints.
4. Common or twin-invert manholes serving storm and sanitary sewer alignments.
5. Common trench construction serving both storm and sanitary sewer alignments.
6. Crossings of storm and sanitary sewer alignments.
7. Sanitary sewer alignments known or suspected to have been constructed with an underdrain system;
8. Sanitary sewer infrastructure defects such as leaking service laterals, cracked, broken, or offset sanitary infrastructure, directly piped connections between storm drain and sanitary sewer infrastructure, or other vulnerability factors identified through Inflow/Infiltration Analyses, Sanitary Sewer Evaluation Surveys, or other infrastructure investigations.
9. Areas formerly served by combined sewer systems.
10. Any sanitary sewer and storm drain infrastructure greater than 40 years old in medium and densely developed areas.
11. Widespread code-required septic system upgrades required at property transfers (indicative of inadequate soils, water table separation, or other physical constraints of the area rather that poor owner maintenance).
12. History of multiple local health department or sanitarian actions addressing widespread septic system failures (indicative of inadequate soils, water table separation, or other physical constraints of the area rather that poor owner maintenance).

3.2 Key junction manhole dry weather screening and sampling data

Key Junction Manhole ID	Screening / Sample date	Visual/ olfactory evidence of illicit discharge	Ammonia	Chlorine	Surfactants
Not yet started.					

3.3 Wet weather investigation outfall sampling data

Outfall ID	Sample date	Ammonia	Chlorine	Surfactants
Not yet started.				

3.4 Data for each illicit discharge source confirmed through the catchment investigation procedure

Discharge location	Source location	Discharge description	Method of discovery	Date of discovery	Date of elimination	Mitigation or enforcement action	Estimated volume of flow removed
Not yet started.							

Part IV: Certification

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in this document or its attachments may be punishable as a criminal offense, in accordance with Section 22a-6 of the Connecticut General Statutes, pursuant to Section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute."

Chief Elected Official or Principal Executive Officer	Document Prepared by
Print name: Danielle Chesebrough – First Selectman	Print name: William Guenther, MS – Fuss & O'Neill
Signature / Date:	Signature / Date:
Print name: Jeffrey Callahan – Borough Warden	
Signature / Date:	

Attachment 1

Mermaid Island Book Letter

TOWN OF STONINGTON

SELECTMAN'S OFFICE
DANIELLE CHESEBROUGH
FIRST SELECTMAN

152 Elm Street • Stonington, Connecticut 06378
(860) 535-5050 • Fax (860) 535-1046
dchesebrough@stonington-ct.gov

December 15, 2020

Greetings,

In the spirit of the season, we are extending a "gift" of learning with a Children's Book we discovered entitled "Mermaid Island". This is a fun and unique book, as it allows the child to choose the path of their adventure when provided options to advance at the bottom of each page. Therefore, this one book facilitates multiple experiences and outcomes each time it is read. As the child navigates through the book, the underlying theme to promote clean water, while acquiring the awareness of the delicate balance between trash and the living creatures in the sea.

The CT DEEP MS4 Program (Municipal Separate Storm Sewer Systems) has the ultimate goal of improving our water quality, utilizes regulation enhancement, stormwater outfall monitoring and education. As part of the public outreach education component, we discussed possible activities and thanks to creativity form our Town Engineer and Director of Public Works came up with this opportunity to reach out to our children with a fun and educational resource.

The author, Ms. Sarah Ridyard, is a Connecticut resident and Licensed Professional Engineer with an Environmental focus. Sarah is employed by a Connecticut Water Company and has offered to personally visit a class for a shared reading adventure of her "Mermaid Island" book. This is a tremendous opportunity to have an accomplished steward of the environment, a role model and a fun learning experience for children.

We hope to have the book to you in the next two weeks. We hope you enjoy the book and have a Happy and Healthy Holiday Season. Please contact myself or Chris Greenlaw, Town Engineer with questions or for coordination of future readings.

Warm regards,

Danielle Chesebrough

Danielle Chesebrough

Attachment 2

Flood Awareness Newsletter

FLOOD

The Town of Stonington & Stonington Borough Flood Awareness Newsletter

2020 • Published annually by the Town of Stonington Public Works Department

Dear Stonington Resident,

This is the 17th annual newsletter sent to properties in or near a flood hazard zone in Stonington. It is important that residents understand flood risks, and how they can protect their families and properties. This edition presents updates to our emergency notification system, and ongoing efforts to reduce risks and losses.

Progress in mitigating flood hazards over the last year includes:

- We continue to set aside flood prone properties as open space. In March 2019, the Stonington Land Trust acquired 5.4 acres in a coastal flood zone on Latimer Point Rd.
- The Town of Stonington and the Mystic River Boathouse Park Committee are working to incorporate a living shoreline into the development of the Mystic River Boathouse Park at 123 Greenmanville Avenue.
- The Town has revised and updated their local flood regulations to incorporate new FEMA mapping of the Pawcatuck River floodplain.
- The Borough revised its zoning regulations to clarify and strengthen requirements within the Special Flood Hazard Area, which includes a large portion of the Borough. This includes revising the definition of Substantial Improvement (described later in this newsletter).

Please take the time to read this newsletter, as the information could be very important to the safety of you and your family during a flood event.

Sincerely,

- Barbara McKrell, Town of Stonington Public Works Director

MS4 General Permit

The Municipal Separate Storm Sewer System (MS4) General Permit regulates stormwater in CT. Stonington and the Borough minimize pollution to water-bodies through MS4 compliance.

This process includes public education on actions that help protect water quality. For more information visit: www.stonington-ct.gov/engineering. Educational materials will be available through this page over the coming year so stay tuned! In the meantime...

YOU CAN HELP!

Eliminate Fertilizers & Pesticides
Lawn treatments are a top culprit for water pollution

More Plants, Less Pavement
Increase vegetated cover on your property, favoring native plants

Use Permeable Pavers
For your driveway or patio

Disconnect Downspouts
Direct roof runoff into plants or soil, not the street

Scoop the Poop!
Dispose of pet waste properly

WHAT DO I NEED TO UNDERSTAND ABOUT FLOODS?

Understanding the cause of floods can help you understand your risk.

High rainfall can cause water to overtop the banks of rivers or lakes. Storms may create a storm surge, pushing ocean water onto land. High tides, waves, and the combined effects of rain, storms, tides, and waves occurring together can make flooding worse.

The base flood has a 1% chance of occurring any given year (based on historical patterns), no matter how recently a similar event occurred. The base flood elevation (**BFE**) is how high water is likely to rise in a base flood. The land area of the base flood is called the Special Flood Hazard Area (**SFHA**). SFHA are mapped on a Flood Insurance Rate Map (**FIRM**). Stonington's current FIRM was made effective in 2013, amended through 2017, and validated in 2020. http://gis.stonington-ct.gov/ags_map/

Over a 30-year mortgage, there is a 26% chance a base flood will occur – 2.5 times more likely than a fire.

Climate Change and Flooding

Climate change is increasing the rate of sea level rise, the size of rain events, and the frequency and severity of coastal storms in Connecticut. It is essential to understand and prepare for the impacts these changes will have on increasing flood risks. The Stonington Coastal Resilience Plan aims to address some of these issues. www.stonington-ct.gov/planning-department/pages/stonington-ct-resiliency-plan.

SHOULD I GET FLOOD INSURANCE?

Standard homeowner insurance does not cover flooding. However, because Stonington participates in the **National Flood Insurance Program (NFIP)**, you can purchase a separate flood insurance policy. Flood insurance is backed by the Federal Government and is available to everyone, even previously flooded Properties and those not located in a SFHA. Flood insurance is sometimes required as part of a mortgage or home improvement loan.

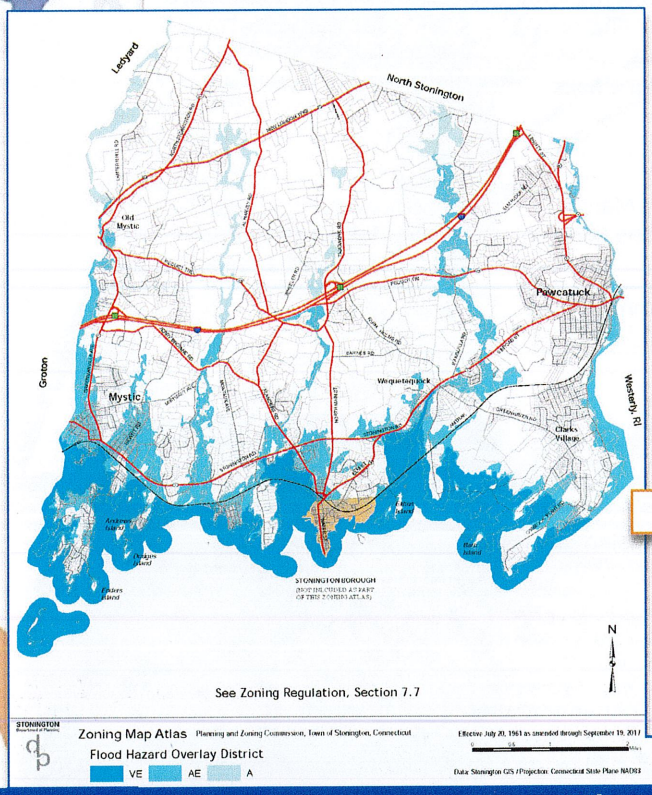
A suite of changes to the NFIP went into effect in 2016, including increased rates and the addition of a surcharge to all policies. As a result you may be experiencing increased costs. For more information, visit www.fema.gov/flood-insurance-reform.

Flooding often damages a building's contents more than its structure, but flood insurance rarely covers contents. Make sure your policy includes **content coverage**.

If you do not have flood insurance, don't wait for the next flood to apply. There is a **30-day waiting period** before NFIP coverage takes effect. Visit www.floodsmart.gov to find an agent.

Building Elevation and Flood Insurance

Flood insurance rates for a building in a high-risk flood zone (beginning with letters A or V) are based on elevation relative to the BFE – **the higher the first floor relative to the BFE, the lower the premium**. In moderate-to low risk zones (beginning with letters B or X), rates are not based on elevation.



An Elevation Certificate (**EC**) documents a building's elevation relative to the BFE. Provide an EC to your insurance agent to obtain flood insurance and ensure your premium is appropriate. An EC can also guide rebuilding and mitigation decisions after a flood. The FEMA EC underwent a format change in 2019. To learn more, visit www.fema.gov/media-library/assets/documents/160.

Ask the local floodplain manager if your property's EC is on file. If it is, have the Town Engineer review it for completeness and accuracy. If it is not on file, hire a State-licensed surveyor to complete one. Depending on location and job complexity, a survey can cost $500 to $2,000 or more. You may want to contact several surveyors to compare costs. When you receive your EC, ask the Town Engineer to review it before giving a copy to your insurance agent. Keep a copy for your records.

Pre-FIRM Structures

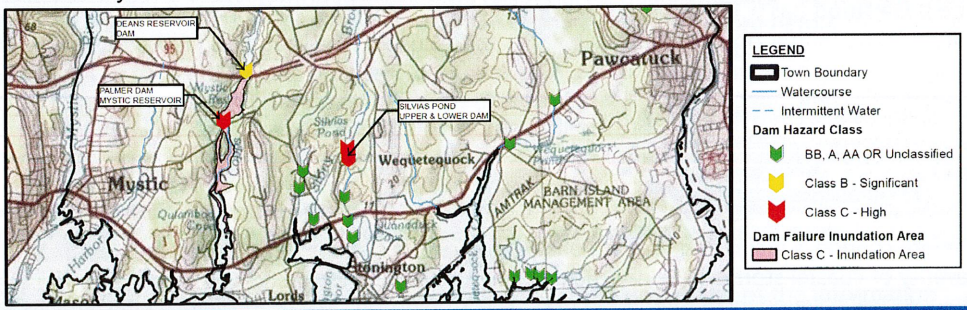
A structure built or improved prior to 1975, or the date of the first FIRM that maps that property within a SHFA, can be insured using "subsidized rates," even if it is not to code. An EC may still save money if the structure elevation is higher than previously thought.

Visit www.stonington-ct.gov to view this map in more detail

What About Dams?

There are three "High Hazard" dams in Stonington, and one "Significant Hazard" dam upstream. The CT Dam Safety Program oversees inspection and maintenance for these dams. Emergency Action Plans for the Deans Reservoir Dam and Mystic Reservoirequirementsr Dam are available from the Town Engineer; these plans are not currently available for the Long Pond Dam or the Silvias Pond Lower Dam. If you live downstream of a dam, contact the Town Engineer to learn about your risk.

Dams in Stonington
SCCOG Hazard Mitigation Plan 2017



HOW CAN I PROTECT MYSELF AND MY FAMILY?

Advanced Warning

Storm warnings predicting flood **timing** and **severity** are broadcast via local radio, TV, newspapers, social media, and emergency agencies. Monitor storm reports for emergency instructions.

Emergency Notifications

Stonington has implemented a Flood Warning and Response Plan. The Stonington Alerts system provides immediate alerts about emergencies & news to residents via text, email, or voice message.

Sign up: **www.stonington-ct.gov/home/pages/stonington-alerts**

Those who may need special assistance in an emergency can sign up at: **stonington-ct.gov/emergency-management/pages/special-needs-registry**

When a **storm watch** is issued, take the following emergency actions:

- Refill prescriptions,
- Check battery-powered equipment, and buy extra batteries
- Fuel your car
- Board up or tape windows, or protect with storm shutters
- Sandbag to reduce erosion and scour
- Elevate furniture above flood levels
- Shut off the gas and electricity
- Seal off sewer lines to the dwelling to prevent the backflow of sewer waters

Pets are barred from emergency shelters. Make arrangements before a storm hits!

Staying Safe During A Flood

DO NOT WALK OR DRIVE THROUGH FLOODED AREAS!

Drowning is the number-one cause of flood deaths, mostly during flash floods. Currents can be deceptive; six inches of moving water can knock you off your feet. More people drown in their cars than anywhere else. Do not drive around road barriers or over flooded roads; the road or bridge may be washed out. **"Turn Around-Don't Drown!"**

AVOID ELECTRICAL HAZARDS!

Electrocution is also a top cause of death during floods. **Stay away from downed electric wires**. Report downed wires to 9-1-1, and non-emergency outages to Eversource at (800) 286-2000.
Electrical current travels through water. If your home becomes flooded, turn off your electricity. Note that some electrical appliances such as televisions keep electrical charges even after they are unplugged. Do not use appliances that have been damaged by flooding until they have been professionally serviced.

Do not dump in ditches or streams; debris can plug channels and cause drainage problems. If you see dumping or debris contact the Highway Dept.

BE ALERT FOR GAS LEAKS!

If your home has gas service, use a flashlight to inspect for damage. Do not smoke or use candles, lanterns, or an open flame unless you know the gas has been turned off and the area has been ventilated. Report any gas leaks to Eversource at (877) 944-5325 or call 911.

HOW CAN I PROTECT MY PROPERTY?

Measures to protect property from flood damage include retrofitting (modifying a building to minimize flooding of habitable spaces), correcting local drainage problems (through drainage infrastructure or regrading), and the emergency measures listed above. While updated construction practices and regulations have made new homes less prone to flooding, many existing structures remain susceptible.

Options for All Buildings

- Elevate structure above the BFE.
- Elevate heating and hot water systems, washers and dryers on a platform above the flood level.
- Relocate electrical panels and utilities above the flood level (require moving them out of basement).

Additional Options for Commercial Buildings Only

- Construct barriers like floodwalls or berms.
- Dry floodproof, which means installing water- tight floor and wall systems.
- Wet Floodproof, which means constructing the flood prone areas so as to permit the entry and passage of flood waters and removing or relocating items of value to higher elevation levels.

FLOOD

The Town of Stonington & Stonington Borough Flood Awareness Newsletter

152 Elm Street
Stonington, CT
06378

HOW CAN I GET HELP?

Increased Cost of Compliance Coverage: Pays for a building to be made compliant with floodplain management laws after a direct physical loss by flood. ***www.fema.gov/increased-cost-compliance-coverage***

FEMA Hazard Mitigation Assistance (HMA): Funding for eligible mitigation planning and projects. Individual homeowners and businesses cannot apply directly to FEMA; speak to the Floodplain Manager about applying. ***www.fema.gov/hazard-mitigation-assistance***

Historic and Historic Homes Rehabilitation Tax Credit: Business tax credit voucher for 25-30% of rehabilitation expenses of homes or other buildings listed, or located within districts listed, on the national or state registers of historic places. ***www.ct.gov/drs/cwp/view.asp?a=3807&q=522164***

Single Family Housing Repair Loans & Grants: Low-interest USDA loans or grants to repair or retrofit homes or remove hazards. ***www.rd.usda.gov/programs-services/single-family-housing-repair-loans-grants***

Single Family Housing Direct Home Loans: USDA subsidy temporarily reduces mortgage payments, offset costs of repair or relocation. ***www.rd.usda.gov/programs-services/single-family-housing-direct-home-loans***

Single Family Housing Guaranteed Loan Program: USDA loan for home repair, utilities, and other needs. ***www.rd.usda.gov/programs-services/single-family-housing-guaranteed-loan-program***

203(k) Standard and Streamlined Rehabilitation Mortgage Insurance: HUD loan for home repairs or improvements. ***http://portal.hud.gov/hudportal/ HUD?src=/program_offices/housing/sfh/203k***

FEMA mitigation specialists: Contact one of the mitigation specialists with FEMA Region. ***www.fema. gov/region-i-ct-me-ma-nh-ri-vt***

WHAT ELSE SHOULD I KNOW?

Permit Requirements: For most additions or new construction in or near flood zones, elevation certificates will be required to prove that the first finished floor including basement was constructed to the proper elevation.

If you are planning home improvements in flood hazard areas, contact the Building Official, Town Engineer, or Office of Land Use and Planning.

Building Official: 535-5075
Town Engineer: 535-5076
Land Use & Planning: 535-5095
Highway Dept: 535-5055
Borough Zoning: 535-2351

Substantial Improvement (SI) is "any combination of repairs, reconstruction, alteration, or improvements to a structure, taking place during a 1-year period (the Borough has reduced their "lookback" from 3 years to 1) in which the cumulative cost equals or exceeds 50% of the market value of the structure before the start of construction." If you perform a SI, you must ensure your property meets current regulations.

Check your flood hazard. Old and new Flood Insurance Rate Maps (FIRM), hazard zone determinations for your property, flood protection references, and maps showing flood depths, natural floodplain functions, and historical flood information are available from the Town Engineer, Stonington Town Hall 3rd Floor, 152 Elm Street.

The Town annually sends a letter to property owners in areas of repetitive flood losses. A copy of this letter is available on request.

Learn about Climate Change: Visit www.ct.gov/deep/climatechange.

For more information on this topic, please visit www.floodsmart.gov. Some of the information contained herein has been gathered from literature produced by the Federal Emergency Management Agency (FEMA).

This newsletter is for public information purposes only.
The Town of Stonington assumes no legal responsibility for the information contained herein.

Attachment 3

Septic System Repairs

LLHD
Ledge Light Health District

Town of Stonington Septic Repairs for the year 2020

Promoting healthy communities

Location and nature of structure with failing septic systems	Actions taken to respond to and address the failures	Impacted waterbody or watershed, if known
Failed system at 8 Pequotsepos Center Rd.- SFH	New tank and leaching system installed	None
Failed system at 19 Wilcox Rd (SFH)	Existing tank and new leaching system installed.	None
Failed leaching at 31 Marjorie St. (SFH)	Existing tank, new leaching installed	None
Failed system at 978 Stonington Rd. (SFH)	New tank and leaching system installed	None
Failed system at 417 River Rd. (SFH)	New tank and leaching system installed	
Replacement Systems – not due to failures		
4 Joyce St. – SFH (single family house)	Full repair for Real Estate Trans	None
335 Elm St. - SFH	Tank replacement only	None
908 Stonington Rd. – SFH	Full repair	None
26 East Shore Rd. – SFH	Full repair, - DEEP property	None
200 Mistuxet Ave. – SFH	Full repair – Real Estate Trans	None
20 Fairview Dr. – SFH	Tank replacement only	None
35 Money Point Rd – SFH	Tear down rebuild of home, new system	None
20 Island Rd – SFH	Partial repair, existing leaching	None
18 Riverbend Dr. – SFH	Tank replacement only	None
1189 Pequot Trail (B&B)	Partial repair, renovations	None
27 Gledhill Ave. – SFH	Full repair	None
158 NL Turnpike – SFH	Full system replacement – Real Estate Trans	None
10 Marlin Dr. – SFH	Full repair	None
15 Asher Ave. – SFH	Tank replacement only	None
985 Stonington Rd – SFH	Repair of new sewer line to existing tank/system	None
22 Riverbend Dr. – SFH	Tank replacement only	None
268 Flanders Rd. – SFH	Full repair – Real Estate Trans	None
33 Noyes Ave. – SFH	Tank replacement only	None
44 Sunrise Ave. – SFH	Full repair	None
291 Al Harvey Rd – SFH	Full repair	None
91 Palmer Neck Rd. – SFH	Full repair	None
4 Huckleberry Ln. – SFH	Tank replacement only	None

Ledge Light Health District

Promoting healthy communities

Town of Stonington Septic Repairs for the year 2020

20 Elaine St. – SFH	Full repair – Real Estate Trans	None
9 Canterbury Ln. – SFH	Tank replacement only	None
615 N. Stonington Rd. – SFH	Full repair	None
7 Money Point Rd. – SFH	Tank replacement only	None
199 Montauk Ave. – SFH	Full repair – Real Estate Trans	None

Attachment 4

MS4 System Map

Town of Stonington, CT

Drainage Network Index Map

Outfalls
Catch Basins
Storm Lines

Drainage Network Latest Revision 2018

Disclaimer:
This map is for informational purposes only. All information is subject to verification by any user. The Town of Stonington and ts mapping contractors assume no legal responsibility for the information contained herein.

NEGEO
New England Geosystems
www.negeosystems.com
282 Main Street Extension - C2
Middletown, CT 06457 • (203) 404 - 7129

Attachment 5

Outfall Catchment Ranking

Outfall ID (OF_Detail_Sheet_ID)	Local Basin ID	Past Discharge Reports	Receiving Water Quality	Density of Generating Sites	Age of Development and Infrastructure	Sewered or septic	Past Sewer Conversion	Historic CSOs	Septic Age	Culverted Streams	Public Health Area	Illicit Connection TMDL	Tmdl Score	In Priority Area	Total	Score (0-10)	Priority
113	2000-02-1	Unscreened	4a, 5	Low	pre-1970	Partial	Yes	No	40+	No	No	Yes	3	Yes	19	10.0	High
112	2000-02-1	Unscreened	4a, 5	Low	pre-1970	Partial	Yes	No	40+	No	No	Yes	3	Yes	19	10.0	High
114	2000-02-1	Unscreened	4a, 5	Low	pre-1970	Partial	Yes	No	40+	No	No	Yes	3	Yes	19	10.0	High
116	2000-02-1	Unscreened	4a, 5	Low	pre-1970	Partial	Yes	No	40+	No	No	Yes	3	Yes	19	10.0	High
164	2000-02-1	Unscreened	4a, 5	Low	pre-1970	Partial	Yes	No	40+	No	No	Yes	3	Yes	19	10.0	High
165	2000-02-1	Unscreened	4a, 5	Low	pre-1970	Partial	Yes	No	40+	No	No	Yes	3	Yes	19	10.0	High
B50	2000-02-1	Unscreened	4a, 5	Low	pre-1970	Partial	Yes	No	40+	No	No	Yes	3	Yes	19	10.0	High
B52	2000-02-1	Unscreened	4a, 5	Low	pre-1970	Partial	Yes	No	40+	No	No	Yes	3	Yes	19	10.0	High
B54	2000-02-1	Unscreened	4a, 5	Low	pre-1970	Partial	Yes	No	40+	No	No	Yes	3	Yes	19	10.0	High
B68	2000-02-1	Unscreened	4a, 5	Low	pre-1970	Partial	Yes	No	40+	No	No	Yes	3	Yes	19	10.0	High
B71	2000-02-1	Unscreened	4a, 5	Low	pre-1970	Partial	Yes	No	40+	No	No	Yes	3	Yes	19	10.0	High
B75	2000-02-1	Unscreened	4a, 5	Low	pre-1970	Partial	Yes	No	40+	No	No	Yes	3	Yes	19	10.0	High
B78	2000-02-1	Unscreened	4a, 5	Low	pre-1970	Partial	Yes	No	40+	No	No	Yes	3	Yes	19	10.0	High
B82	2000-02-1	Unscreened	4a, 5	Low	pre-1970	Partial	Yes	No	40+	No	No	Yes	3	Yes	19	10.0	High
B88	2000-02-1	Unscreened	4a, 5	Low	pre-1970	Partial	Yes	No	40+	No	No	Yes	3	Yes	19	10.0	High
B369	2000-02-1	Unscreened	4a, 5	Low	pre-1970	Partial	Yes	No	40+	No	No	Yes	3	Yes	19	10.0	High
96	2000-05-1	Unscreened	4a	High	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	19	10.0	High
161	2000-05-1	Unscreened	4a	High	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	19	10.0	High
154	2000-08-1	Unscreened	4a	High	pre-1970	Septic	No	No	40+	No	No	Yes	3	Yes	19	10.0	High
155	2000-08-1	Unscreened	4a	High	pre-1970	Septic	No	No	40+	No	No	Yes	3	Yes	19	10.0	High
156	2000-08-1	Unscreened	4a	High	pre-1970	Septic	No	No	40+	No	No	Yes	3	Yes	19	10.0	High
21	Mason's Island	Unscreened	4a	Medium	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	Yes	Yes	3	Yes	18	9.4	High
227	2000-11-1	Unscreened	4a	Low	Mixture (pre-1970, post-1990)	Partial	No	No	20-40	No	Yes	Yes	3	Yes	17	8.8	High
228	2000-11-1	Unscreened	4a	Low	Mixture (pre-1970, post-1990)	Partial	No	No	20-40	No	Yes	Yes	3	Yes	17	8.8	High
101	1000-00-4+R4	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
145	1000-00-4+R4	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
177	1000-00-4+R4	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
178	1000-00-4+R5	Unscreened	4a	Low	Pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
2	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
6	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
7	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
11	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
27	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
28	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
29	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
42	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
52	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
56	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
148	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
179	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
180	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
181	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
182	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
183	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
184	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
185	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
186	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
259	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
260	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
261	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
262	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
263	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
264	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
265	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
266	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
267	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
268	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
270	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
271	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
275	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
276	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
277	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
278	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
279	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
280	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
281	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
282	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
283	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
314	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
316	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
318	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
342	1000-00-4+R6	Unscreened	4a, 5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
54	1000-00-4+R7	Unscreened	4a, 5	Low	pre-1970	Sewered	No	No	40+	No	No	Yes	3	Yes	17	8.8	High
55	1000-00-4+R7	Unscreened	4a, 5	Low	pre-1970	Sewered	No	No	40+	No	No	Yes	3	Yes	17	8.8	High
111	1000-00-4+R7	Unscreened	4a, 5	Low	pre-1970	Sewered	No	No	40+	No	No	Yes	3	Yes	17	8.8	High
285	1000-00-4+R7	Unscreened	4a, 5	Low	pre-1970	Sewered	No	No	40+	No	No	Yes	3	Yes	17	8.8	High
286	1000-00-4+R7	Unscreened	4a, 5	Low	pre-1970	Sewered	No	No	40+	No	No	Yes	3	Yes	17	8.8	High
43	1000-05-1	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
62	1000-05-1	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
100	1000-05-1	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
173	1000-05-1	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
174	1000-05-1	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
175	1000-05-1	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
176	1000-05-1	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
187	1000-05-1	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
188	1000-05-1	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High

189	1000-05-1	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
190	1000-05-1	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
191	1000-05-1	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
192	1000-05-1	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
222	1000-05-1	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
317	1000-05-1	Unscreened	4a	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	Yes	3	Yes	17	8.8	High
76	2102-00-2-R3	Unscreened	4c, 5; 4a	Low	pre-1970	Septic	No	No	40+	No	No	Yes	3	Yes	17	8.8	High
77	2102-00-2-R3	Unscreened	4c, 5; 4a	Low	pre-1970	Septic	No	No	40+	No	No	Yes	3	Yes	17	8.8	High
129	2102-00-2-R3	Unscreened	4c, 5; 4a	Low	pre-1970	Septic	No	No	40+	No	No	Yes	3	Yes	17	8.8	High
130	2102-00-2-R3	Unscreened	4c, 5; 4a	Low	pre-1970	Septic	No	No	40+	No	No	Yes	3	Yes	17	8.8	High
131	2102-00-2-R3	Unscreened	4c, 5; 4a	Low	pre-1970	Septic	No	No	40+	No	No	Yes	3	Yes	17	8.8	High
136	2102-00-2-R3	Unscreened	4c, 5; 4a	Low	pre-1970	Septic	No	No	40+	No	No	Yes	3	Yes	17	8.8	High
226	2102-00-2-R3	Unscreened	4c, 5; 4a	Low	pre-1970	Septic	No	No	40+	No	No	Yes	3	Yes	17	8.8	High
332	2102-00-2-R3	Unscreened	4c, 5; 4a	Low	pre-1970	Septic	No	No	40+	No	No	Yes	3	Yes	17	8.8	High
19	2000-10-1	Unscreened	Good or Unassessed	Low	pre-1970	Partial	Yes	No	40+	No	Yes	No	0	Yes	16	8.1	High
20	2000-10-1	Unscreened	Good or Unassessed	Low	pre-1970	Partial	Yes	No	40+	No	Yes	No	0	Yes	16	8.1	High
39	2000-10-1	Unscreened	Good or Unassessed	Low	pre-1970	Partial	Yes	No	40+	No	Yes	No	0	Yes	16	8.1	High
40	2000-10-1	Unscreened	Good or Unassessed	Low	pre-1970	Partial	Yes	No	40+	No	Yes	No	0	Yes	16	8.1	High
229	2000-10-1	Unscreened	Good or Unassessed	Low	pre-1970	Partial	Yes	No	40+	No	Yes	No	0	Yes	16	8.1	High
230	2000-10-1	Unscreened	Good or Unassessed	Low	pre-1970	Partial	Yes	No	40+	No	Yes	No	0	Yes	16	8.1	High
231	2000-10-1	Unscreened	Good or Unassessed	Low	pre-1970	Partial	Yes	No	40+	No	Yes	No	0	Yes	16	8.1	High
235	2000-10-1	Unscreened	Good or Unassessed	Low	pre-1970	Partial	Yes	No	40+	No	Yes	No	0	Yes	16	8.1	High
236	2000-10-1	Unscreened	Good or Unassessed	Low	pre-1970	Partial	Yes	No	40+	No	Yes	No	0	Yes	16	8.1	High
237	2000-10-1	Unscreened	Good or Unassessed	Low	pre-1970	Partial	Yes	No	40+	No	Yes	No	0	Yes	16	8.1	High
238	2000-10-1	Unscreened	Good or Unassessed	Low	pre-1970	Partial	Yes	No	40+	No	Yes	No	0	Yes	16	8.1	High
331	2000-10-1	Unscreened	Good or Unassessed	Low	pre-1970	Partial	Yes	No	40+	No	Yes	No	0	Yes	16	8.1	High
13	2000-03-1	Unscreened	Good or Unassessed	Medium	pre-1970	Sewered	Yes	No	Sewered	No	Yes	No	0	Yes	15	7.5	High
57	2000-03-1	Unscreened	Good or Unassessed	Medium	pre-1970	Sewered	Yes	No	Sewered	No	Yes	No	0	Yes	15	7.5	High
58	2000-03-1	Unscreened	Good or Unassessed	Medium	pre-1970	Sewered	Yes	No	Sewered	No	Yes	No	0	Yes	15	7.5	High
115	2000-03-1	Unscreened	Good or Unassessed	Medium	pre-1970	Sewered	Yes	No	Sewered	No	Yes	No	0	Yes	15	7.5	High
147	2000-03-1	Unscreened	Good or Unassessed	Medium	pre-1970	Sewered	Yes	No	Sewered	No	Yes	No	0	Yes	15	7.5	High
163	2000-03-1	Unscreened	Good or Unassessed	Medium	pre-1970	Sewered	Yes	No	Sewered	No	Yes	No	0	Yes	15	7.5	High
B7	2000-03-1	Unscreened	Good or Unassessed	Medium	pre-1970	Sewered	Yes	No	Sewered	No	Yes	No	0	Yes	15	7.5	High
B14	2000-03-1	Unscreened	Good or Unassessed	Medium	pre-1970	Sewered	Yes	No	Sewered	No	Yes	No	0	Yes	15	7.5	High
B29	2000-03-1	Unscreened	Good or Unassessed	Medium	pre-1970	Sewered	Yes	No	Sewered	No	Yes	No	0	Yes	15	7.5	High
B36	2000-03-1	Unscreened	Good or Unassessed	Medium	pre-1970	Sewered	Yes	No	Sewered	No	Yes	No	0	Yes	15	7.5	High
B39	2000-03-1	Unscreened	Good or Unassessed	Medium	pre-1970	Sewered	Yes	No	Sewered	No	Yes	No	0	Yes	15	7.5	High
B42	2000-03-1	Unscreened	Good or Unassessed	Medium	pre-1970	Sewered	Yes	No	Sewered	No	Yes	No	0	Yes	15	7.5	High
B57	2000-03-1	Unscreened	Good or Unassessed	Medium	pre-1970	Sewered	Yes	No	Sewered	No	Yes	No	0	Yes	15	7.5	High
26	2000-13-1	Unscreened	Good or Unassessed	Medium	pre-1970	Sewered	Yes	No	Sewered	No	Yes	No	0	Yes	15	7.5	High
83	2000-13-1	Unscreened	Good or Unassessed	Medium	pre-1970	Sewered	Yes	No	Sewered	No	Yes	No	0	Yes	15	7.5	High
99	1000-03-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
304	1000-03-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
305	1000-03-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
306	1000-03-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
50	2000-01-1	Unscreened	4a, 5	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
284	2000-01-1	Unscreened	4a, 5	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
9	2000-04-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
12	2000-04-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
14	2000-04-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
15	2000-04-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
97	2000-04-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
98	2000-04-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
157	2000-04-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
158	2000-04-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
159	2000-04-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
160	2000-04-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
162	2000-04-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
319	2000-04-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
16	2000-07-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
68	2000-07-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
69	2000-07-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
70	2000-07-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
71	2000-07-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
72	2000-07-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
166	2000-07-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
341	2000-07-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
17	2000-09-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
18	2000-09-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
63	2000-09-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
64	2000-09-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
65	2000-09-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
66	2000-09-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
67	2000-09-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
74	2000-09-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
75	2000-09-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
234	2000-09-1	Unscreened	4a	Low	1970-1990	septic	No	No	20-40	No	No	Yes	3	Yes	14	6.9	Low
59	1000-00-4+R1	Unscreened	4a	Low	1970-1990	Septic	No	No	Sewered	No	No	Yes	3	Yes	13	6.3	Low
60	1000-00-4+R1	Unscreened	4a	Low	1970-1990	Septic	No	No	Sewered	No	No	Yes	3	Yes	13	6.3	Low
287	1000-00-4+R1	Unscreened	4a	Low	1970-1990	Septic	No	No	Sewered	No	No	Yes	3	Yes	13	6.3	Low
292	1000-00-4+R1	Unscreened	4a	Low	1970-1990	Septic	No	No	Sewered	No	No	Yes	3	Yes	13	6.3	Low
293	1000-00-4+R1	Unscreened	4a	Low	1970-1990	Septic	No	No	Sewered	No	No	Yes	3	Yes	13	6.3	Low
294	1000-00-4+R1	Unscreened	4a	Low	1970-1990	Septic	No	No	Sewered	No	No	Yes	3	Yes	13	6.3	Low
301	1000-00-4+R1	Unscreened	4a	Low	1970-1990	Septic	No	No	Sewered	No	No	Yes	3	Yes	13	6.3	Low
302	1000-00-4+R1	Unscreened	4a	Low	1970-1990	Septic	No	No	Sewered	No	No	Yes	3	Yes	13	6.3	Low
303	1000-00-4+R1	Unscreened	4a	Low	1970-1990	Septic	No	No	Sewered	No	No	Yes	3	Yes	13	6.3	Low
82	2000-15-1	Unscreened	Good or Unassessed	High	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
95	2000-15-1	Unscreened	Good or Unassessed	High	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
152	2000-15-1	Unscreened	Good or Unassessed	High	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
153	2000-15-1	Unscreened	Good or Unassessed	High	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
47	2106-00-3-R1	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low

143	2106-00-3-R1	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
144	2106-00-3-R1	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
225	2106-00-3-R1	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
242	2106-00-3-R1	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
243	2106-00-3-R1	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
244	2106-00-3-R1	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
245	2106-00-3-R1	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
337	2106-00-3-R1	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
338	2106-00-3-R1	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
10	2106-00-3-R2	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
36	2106-00-3-R2	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
38	2106-00-3-R2	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
48	2106-00-3-R2	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
94	2106-00-3-R2	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
103	2106-00-3-R2	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
104	2106-00-3-R2	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
105	2106-00-3-R2	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
106	2106-00-3-R2	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
107	2106-00-3-R2	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
108	2106-00-3-R2	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
109	2106-00-3-R2	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
241	2106-00-3-R2	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
328	2106-00-3-R2	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
329	2106-00-3-R2	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
340	2106-00-3-R2	Unscreened	5	Low	pre-1970	Sewered	Yes	No	Sewered	No	No	No	0	Yes	13	6.3	Low
51	2000-01-1	Unscreened	4a, 5	Low	1970-1990	Septic	No	No	20-40	No	No	Yes	3	No	11	5.0	Low
169	2000-01-1	Unscreened	4a, 5	Low	1970-1990	Septic	No	No	20-40	No	No	Yes	3	No	11	5.0	Low
224	2104-00-2-R1	Unscreened	Good or Unassessed	Low	pre-1970	Septic	No	No	40+	No	No	No	0	Yes	11	5.0	Low
295	2104-00-2-R1	Unscreened	Good or Unassessed	Low	pre-1970	Septic	No	No	40+	No	No	No	0	Yes	11	5.0	Low
290	2104-03-1	Unscreened	Good or Unassessed	Low	pre-1970	Septic	No	No	40+	No	No	No	0	Yes	11	5.0	Low
5	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
34	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
35	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
37	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
78	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
79	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
80	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
81	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
84	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
85	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
86	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
87	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
88	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
89	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
90	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
91	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
92	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
93	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
102	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
110	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
118	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
119	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
120	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
132	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
133	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
134	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
135	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
137	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
138	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
139	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
140	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
141	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
142	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
193	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
194	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
195	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
196	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
239	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
240	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
313	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
330	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
336	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
339	2000-14-1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
32	2101-00-2-R1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
49	2101-00-2-R1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
53	2101-00-2-R1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
167	2101-00-2-R1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
168	2101-00-2-R1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
253	2101-00-2-R1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
254	2101-00-2-R1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
255	2101-00-2-R1	Unscreened	5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
298	2102-00-1	Unscreened	4c, 5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
327	2102-00-1	Unscreened	4c, 5	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	Yes	10	4.4	Low
45	2000-07-1-L1	Unscreened	Good or Unassessed	Low	pre 1970	partial	Yes	No	40+	No	No	No	0	No	10	4.4	Low
121	2000-07-1-L1	Unscreened	Good or Unassessed	Low	pre 1970	partial	Yes	No	40+	No	No	No	0	No	10	4.4	Low
126	2000-07-1-L1	Unscreened	Good or Unassessed	Low	pre 1970	partial	Yes	No	40+	No	No	No	0	No	10	4.4	Low
128	2000-07-1-L1	Unscreened	Good or Unassessed	Low	pre 1970	partial	Yes	No	40+	No	No	No	0	No	10	4.4	Low
127	2000-07-1-L1	Unscreened	Good or Unassessed	Low	pre 1970	partial	Yes	No	40+	No	No	No	0	No	10	4.4	Low
333	2000-07-1-L1	Unscreened	Good or Unassessed	Low	pre 1970	partial	Yes	No	40+	No	No	No	0	No	10	4.4	Low
252	2000-07-1-L1	Unscreened	Good or Unassessed	Low	pre 1970	partial	Yes	No	40+	No	No	No	0	No	10	4.4	Low
73	2000-07-1-L1	Unscreened	Good or Unassessed	Low	pre 1970	partial	Yes	No	40+	No	No	No	0	No	10	4.4	Low

22	Mason's Island	Unscreened	Good or Unassessed	Medium	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	Yes	9	3.8	Low
23	Mason's Island	Unscreened	Good or Unassessed	Medium	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	Yes	9	3.8	Low
24	Mason's Island	Unscreened	Good or Unassessed	Medium	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	Yes	9	3.8	Low
25	Mason's Island	Unscreened	Good or Unassessed	Medium	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	Yes	9	3.8	Low
1	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
30	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
31	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
41	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
61	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
117	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
146	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
149	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
171	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
172	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
211	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
212	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
213	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
214	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
215	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
216	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
221	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
223	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
232	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
256	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
257	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
258	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
269	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
272	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
273	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
274	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
315	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
320	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
322	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	Yes	8	3.1	Low
297	2104-03-1	Unscreened	Good or Unassessed	Low	pre-1970	Septic	No	No	40+	No	No	No	0	No	8	3.1	Low
296	2104-03-1	Unscreened	Good or Unassessed	Low	pre-1970	Septic	No	No	40+	No	No	No	0	No	8	3.1	Low
246	2000-04-1-L2	Unscreened	Good or Unassessed	Low	pre-1970	Septic	No	No	40 +	No	No	No	0	No	8	3.1	Low
4	2000-04-1-L2	Unscreened	Good or Unassessed	Low	pre-1970	Septic	No	No	40 +	No	No	No	0	No	8	3.1	Low
33	2000-04-1-L2	Unscreened	Good or Unassessed	Low	pre-1970	Septic	No	No	40 +	No	No	No	0	No	8	3.1	Low
200	2102-02-1	Unscreened	4c	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	6	1.9	Low
199	2102-02-1	Unscreened	4c	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	6	1.9	Low
198	2102-02-1	Unscreened	4c	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	6	1.9	Low
197	2102-02-1	Unscreened	4c	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	6	1.9	Low
207	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
208	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
248	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
217	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
218	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
8	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
44	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
323	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
308	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
307	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
3	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
288	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
247	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
233	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
220	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
210	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
209	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
170	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
219	2101-00-2-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Partial	No	No	20-40	No	No	No	0	No	5	1.3	Low
205	2000-06-1-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
206	2000-06-1-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
204	2000-06-1-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
203	2000-06-1-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
202	2000-06-1-L1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
289	2101-00-1	Unscreened	Good or Unassessed	Low	1970-1990	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
310	2101-00-1	Unscreened	Good or Unassessed	Low	1970-1990	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
309	2101-01-2-R1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
311	2101-02-1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
249	2101-03-1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
151	2101-03-1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
46	2102-00-2-L2	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
335	2102-00-2-L2	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
334	2102-00-2-L2	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
251	2102-00-2-L2	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
250	2102-00-2-L2	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
201	2102-00-2-L2	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
125	2102-00-2-L2	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
124	2102-00-2-L2	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
123	2102-00-2-L2	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
122	2102-00-2-L2	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
299	2102-01-1	Unscreened	Good or Unassessed	Low	Mixture (pre-1970, 1970-1990, post-1990)	Septic	No	No	20-40	No	No	No	0	No	5	1.3	Low
312	2104-00-2-L4	Unscreened	Good or Unassessed	Low	pre-1970	Septic	No	No	<20	No	No	No	0	No	5	1.3	Low
291	2104-00-2-L4	Unscreened	Good or Unassessed	Low	pre-1970	Septic	No	No	<20	No	No	No	0	No	5	1.3	Low
321	2102-00-2-R1	Unscreened	4c	Low	post 1990	Septic	No	No	<20	No	No	No	0	No	4	0.6	Low
326	2101-01-1	Unscreened	Good or Unassessed	Low	post 1990	Septic	No	No	<20	No	No	No	0	No	3	0.0	Low
325	2101-01-1	Unscreened	Good or Unassessed	Low	post 1990	Septic	No	No	<20	No	No	No	0	No	3	0.0	Low
300	2101-01-1	Unscreened	Good or Unassessed	Low	post 1990	Septic	No	No	<20	No	No	No	0	No	3	0.0	Low

Attachment 6

Dry Weather Screening Results

OF_Detail Sheet_ID	Lat	Long	SBAS	Basin_No	Stormwater pollutant(s) of concern	Flow Description	Visual IDDE Evidence	Olfactory IDDE Evidence	Screening Location	Outfall Condition	Dry Weather Screening Date/Time	Is outfall inundated?	Last Rain Date	Last Rain Amount (in.)	Screening Location ID	Notes	Dry-Weather Screening Status	Dry-Weather Sampling Status	Impaired Waters Sampling Status
1	41.36735348	-71.85986379	Anguilla Brook	2101-00-2-L1	None						2020-03-12 14:10		2020-03-04 15:10	0.14			Not Found	Not Sampled	Not Sampled
2	41.36435551	-71.83911821	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	Moderate flow	None	None	Outfall	Good	2020-03-12 18:30	No	2020-03-04 19:30	0.14		Accessibility issues; OF discharges into stream that leads to OF 262	Screened	Not Sampled	Not Sampled
5	41.3589443	-71.94520922	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Good	2019-06-05 18:31	No	2019-05-30 18:31	0.08			Screened	Not Sampled	Not Sampled
6	41.37406582	-71.84128879	Pawcatuck River	1000-00-4+R6	Bacteria	Trickle (minor flow)	None	None	Catch Basin	Good	2020-04-29 15:44	Yes	2020-04-26 15:44	0.19	xy41.374189_-71.838956	Screened CB at intersection of Trumbull & Williams (furthest upstream CB without	Screened	Not Sampled	Not Sampled
7	41.36838752	-71.8368464	Pawcatuck River	1000-00-4+R6	Bacteria	Moderate flow	None	None	Outfall	Good	2020-03-12 19:30	No	2020-03-04 20:30	0.14		Water flowing into OF from stream; likely discharges to OF 259	Screened	Not Sampled	Not Sampled
9	41.35584966	-71.90361795	Southeast Shoreline	2000-04-1	Bacteria						2019-02-27 17:07		2019-02-24 17:07	0.81			Not Found	Not Sampled	Not Sampled
10	41.36571765	-71.96302011	Mystic River	2106-00-3-R2	Bacteria	High flow	None	None	Catch Basin		2019-06-10 17:55	Yes	2019-06-06 17:56	0.28	41.365726°N 71.962444°W	Outfall submerged. Water in upstream catch basin but no flow	Screened	Not Sampled	Sampled
11	41.34500154	-71.83664928	Pawcatuck River	1000-00-4+R6	Bacteria	Damp (wet, no flow)	None	None	Outfall	Good	2020-01-10 18:08	Yes	2020-01-07 18:08	0.1	41.345208°N 71.836071°W	Upstream CB sealed grate, located next CB as screening location	Screened	Not Sampled	Not Sampled
12	41.34889434	-71.90345611	Southeast Shoreline	2000-04-1	Bacteria						2019-02-14 18:46		2019-02-12 18:46	0.6		See photo	Screened	Not Sampled	Not Sampled
13	41.33908335	-71.90780683	Southeast Shoreline	2000-03-1	None	Moderate flow				Good	2019-05-07 11:20	Yes	2019-05-06 11:20	0.19		Outfall influenced by tide and usually inundated. Drains wetland from east side	Unscreened	Not Sampled	Not Sampled
14	41.34821106	-71.90939949	Southeast Shoreline	2000-04-1	Bacteria						2019-02-14 19:54	Yes	2019-02-12 19:51	0.6		Buried under water	Screened	Not Sampled	Not Sampled
16	41.35000258	-71.92044867	Southeast Shoreline	2000-07-1	Bacteria						2019-05-07 14:15		2019-05-06 14:15	0.19			Not Found	Not Sampled	Sampled
17	41.34073979	-71.92256771	Southeast Shoreline	2000-09-1	None	Dry	None	None	Outfall	Good	2019-06-05 15:09	No	2019-06-02 15:09	0.08			Screened	Not Sampled	Not Sampled
18	41.34178306	-71.91977066	Southeast Shoreline	2000-09-1	None	Dry	None	None	Outfall	Good	2019-06-05 15:24	No	2019-06-02 15:25	0.08			Screened	Not Sampled	Not Sampled
19	41.33802465	-71.93134246	Southeast Shoreline	2000-10-1	Bacteria						2019-05-07 16:24		2019-05-06 16:24	0.19			Not Found	Not Sampled	Not Sampled
20	41.33648977	-71.93292259	Southeast Shoreline	2000-10-1	Bacteria	Dry	None	None	Catch Basin		2019-06-05 12:41	Yes	2019-06-02 12:41	0.08	41.336569°N 71.931637°W	Outfall inundated. Inspected furthest upstream catch basin. Water in it but not	Screened	Not Sampled	Sampled
21	41.33928493	-71.96398173			Bacteria						2019-05-07 17:52		2019-05-06 17:52	0.19			Not Found	Not Sampled	Not Sampled
22	41.33693199	-71.97228835			None						2019-05-07 18:18		2019-05-06 18:18	0.19			Not Found	Not Sampled	Not Sampled
23	41.33753225	-71.97257108			None						2019-05-07 18:09		2019-05-06 18:09	0.19			Not Found	Not Sampled	Not Sampled
24	41.34033703	-71.96673393			None	Dry	None	None	Outfall	Good	2019-06-05 20:18	No	2019-06-02 20:18	0.08			Screened	Not Sampled	Not Sampled
25	41.33999873	-71.96906323			None	Damp (wet, no flow)	None	None	Outfall	Good	2019-06-05 20:12	No	2019-06-02 20:12	0.08			Screened	Not Sampled	Not Sampled
26	41.34660705	-71.95606722	Southeast Shoreline	2000-13-1	None	Dry	None	None	Outfall	Good	2019-05-07 17:37	No	2019-05-06 17:37	0.19			Screened	Not Sampled	Not Sampled
27	41.36452805	-71.83854446	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	Moderate flow	None	None	Outfall		2020-03-12 6:36	No	2020-03-04 19:36	0.14		OF under rocks; cannot locate	Unscreened	Not Sampled	Not Sampled
28	41.3661277	-71.83805866	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Poor	2020-03-12 19:11	No	2020-03-04 20:11	0.14		OF clogged with leaves, sediment. Upstream CB dry too	Screened	Not Sampled	Not Sampled
29	41.3605244	-71.84470921	Pawcatuck River	1000-00-4+R6	Bacteria	Dry	None		Outfall	Good	2020-03-12 17:32	No	2020-03-04 18:32	0.14		OF on north side of road	Screened	Not Sampled	Not Sampled
30	41.35943752	-71.84800173	Anguilla Brook	2101-00-2-L1	None	Dry	None	None	Outfall	Good	2020-03-12 17:40	No	2020-03-04 18:40	0.14			Screened	Not Sampled	Not Sampled
31	41.36058115	-71.86876756	Anguilla Brook	2101-00-2-L1	None		None	None	Catch Basin	Fair	2020-03-12 14:26	Yes	2020-03-12 14:26	0.14	41.361596°N 71.868967°W		Screened	Not Sampled	Not Sampled
34	41.358803	-71.94677843	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Good	2019-09-06 15:37	No	2019-08-28 15:37	1.31			Screened	Not Sampled	Not Sampled
35	41.35871287	-71.94527076	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Catch Basin		2019-09-06 15:43	No	2019-08-28 15:44	1.31	41.358736°N 71.945633°W	Could not locate outfall. Inspected first upstream CB (not on map).	Screened	Not Sampled	Not Sampled
36	41.35553635	-71.96787595	Mystic River	2106-00-3-R2	Bacteria		None	None	Catch Basin		2019-06-05 22:44		2019-06-02 22:44	0.08	41.355272°N 71.967264°W	Outfall under bulkhead. Could not locate. First upstream catch basin was dry	Not Found	Not Sampled	Sampled
37	41.35366069	-71.95865047	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus						2019-06-05 21:46		2019-06-02 21:46	0.08			Not Found	Not Sampled	Not Sampled
38	41.35404292	-71.96887095	Mystic River	2106-00-3-R2	Bacteria		None	None	Catch Basin		2019-06-05 22:26		2019-06-02 22:26	0.08	xy41.353799_-71.968448	Outfall under bulkhead. Could not locate. First upstream catch basin filled with still	Not Found	Not Sampled	Sampled
39	41.33355034	-71.92967794			Bacteria	Trickle (minor flow)	None	None	Catch Basin	Good	2019-06-05 13:22	Yes	2019-06-02 13:22	0.08	41.333296°N 71.929200°W		Screened	Not Sampled	Sampled
40	41.3347408	-71.92961264	Southeast Shoreline	2000-10-1	Bacteria						2019-06-05 13:18		2019-06-02 13:18	0.08			Not Found	Not Sampled	Not Sampled
41	41.36780312	-71.84841441	Anguilla Brook	2101-00-2-L1	None	Trickle (minor flow)	Oily sheen	None	Outfall	Good	2020-04-29 13:56	No	2020-04-26 13:56	0.19		OF not in mapped location but further south and facing north	Screened	Not Sampled	Not Sampled
42	41.37371493	-71.84258801	Pawcatuck River	1000-00-4+R6	Bacteria	Trickle (minor flow)	None	None	Outfall	Good	2020-04-29 16:27	No	2020-04-26 16:27	0.19			Screened	Not Sampled	Not Sampled
43	41.38227719	-71.85218053	Pawcatuck River	1000-05-1	Bacteria						2020-05-14 16:26		2020-05-08 16:26	0.36			Not Found	Not Sampled	Not Sampled
47	41.38251197	-71.96152512	Mystic River	2106-00-3-R1	Bacteria	Dry	None	None	Outfall	Good	2019-09-06 16:49	No	2019-08-28 16:49	1.31			Screened	Not Sampled	Sampled
48	41.3564493	-71.96576332	Mystic River	2106-00-3-R2	Bacteria						2019-06-05 22:54		2019-06-02 22:54	0.08			Not Found	Not Sampled	Not Sampled
50	41.34318503	-71.84220367	Southeast Shoreline	2000-01-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Poor	2020-01-10 17:35	No	2020-01-07 17:35	0.1			Screened	Not Sampled	Not Sampled
52	41.36019708	-71.84015002	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Fair	2020-03-12 18:02	No	2020-03-04 19:02	0.14		OF half full of sediment	Screened	Not Sampled	Not Sampled
53	41.36064785	-71.87630805	Anguilla Brook	2101-00-2-R1	Bacteria, nitrogen, phosphorus						2019-02-27 18:26		2019-02-24 18:26	0.81			Not Found	Not Sampled	Not Sampled
54	41.34234509	-71.84067029	Pawcatuck River	1000-00-4+R7	Bacteria, nitrogen, phosphorus	Trickle (minor flow)	None	None	Outfall	Good	2020-01-10 17:43	Yes	2020-01-07 17:43	0.1		Upstream pipe from in flow point 285	Screened	Not Sampled	Not Sampled
55	41.33577304	-71.83936114	Pawcatuck River	1000-00-4+R7	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Good	2020-01-10 17:55	No	2020-01-07 17:54	0.1			Screened	Not Sampled	Not Sampled
56	41.35985807	-71.84020877	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Fair	2020-03-12 17:54	No	2020-03-04 18:54	0.14			Screened	Not Sampled	Not Sampled
57	41.34014328	-71.90412519	Southeast Shoreline	2000-03-1	None	Damp (wet, no flow)	None	None	Outfall	Good	2019-06-05 14:55	No	2019-06-02 14:56	0.08			Screened	Not Sampled	Not Sampled
58	41.33979371	-71.90423443	Southeast Shoreline	2000-03-1	None	Dry	None	None	Outfall	Good	2019-06-05 14:57	No	2019-06-02 14:57	0.08			Screened	Not Sampled	Not Sampled
59	41.40232134	-71.85297886	Pawcatuck River	1000-00-4+R1	Bacteria	Dry	None	None	Outfall	Good	2020-06-03 20:09	No	2020-05-30 20:09	0.13		OF half filled with debris	Screened	Not Sampled	Not Sampled
60	41.40364551	-71.85372073	Pawcatuck River	1000-00-4+R1	Bacteria	Dry	None	None	Outfall	Good	2020-06-03 20:16	No	2020-05-30 20:16	0.13			Screened	Not Sampled	Not Sampled
61	41.39487054	-71.86025302	Anguilla Brook	2101-00-2-L1	None	Damp (wet, no flow)	None	None	Outfall	Good	2020-06-03 20:24	No	2020-05-30 20:24	0.13			Screened	Not Sampled	Not Sampled
62	41.3874125	-71.84834786	Pawcatuck River	1000-05-1	Bacteria	Dry	None	None	Outfall	Good	2020-06-03 18:10	No	2020-05-30 18:10	0.13			Screened	Not Sampled	Not Sampled
63	41.34666999	-71.9217004	Southeast Shoreline	2000-09-1	Bacteria	Dry	None	None	Outfall	Good	2019-09-06 14:01	No	2019-08-28 14:01	1.31			Screened	Not Sampled	Sampled
64	41.34606046	-71.92307883	Southeast Shoreline	2000-09-1	Bacteria	Dry	None	None	Outfall	Good	2019-05-07 13:47	No	2019-05-06 13:47	0.19			Screened	Not Sampled	Not Sampled
65	41.34584987	-71.92408354	Southeast Shoreline	2000-09-1	Bacteria	Dry	None	None	Outfall	Fair	2019-06-05 15:43	No	2019-06-02 15:43	0.08		Water flows into outfall. Outfall inaccessible due to wooden platform over	Screened	Not Sampled	Not Sampled
66	41.34612044	-71.92544128	Southeast Shoreline	2000-09-1	Bacteria	Moderate flow	None	None	Outfall	Good	2019-06-05 15:55	Yes	2019-06-02 15:55	0.08	41.346097°N 71.925908°W	Outfall inundated. Inspected furthest upstream catch basin. Water in it but not	Screened	Not Sampled	Not Sampled
67	41.34635316	-71.92622352	Southeast Shoreline	2000-09-1	Bacteria	Dry	None	None	Outfall	Good	2019-06-05 16:04	No	2019-06-02 16:04	0.08		Outfall located inside catch basin	Screened	Not Sampled	Not Sampled
68	41.35052079	-71.92536156	Southeast Shoreline	2000-07-1	Bacteria	Trickle (minor flow)	None	None	Outfall	Good	2019-05-07 14:45	Yes	2019-05-06 14:45	0.19	41.350492°N 71.924085°W	Water flows into outfall. Screening location is actually outfall. See 2nd photo	Screened	Not Sampled	Not Sampled
70	41.3472142	-71.92193905	Southeast Shoreline	2000-07-1	Bacteria	Dry	None	None	Outfall	Good	2019-06-05 15:50	No	2019-06-02 15:50	0.08			Screened	Not Sampled	Not Sampled
71	41.35668744	-71.91890462	Southeast Shoreline	2000-07-1	Bacteria	Trickle (minor flow)	Foam of unnatural	None	Outfall	Good	2019-09-20 19:15	No	2019-08-28 19:15	1.31		Rust colored water creating foam coming	Screened	Sampled	Not Sampled
72	41.35663466	-71.91905572	Southeast Shoreline	2000-07-1	Bacteria	Dry	None	None	Outfall	Fair	2019-06-05 16:49	No	2019-06-02 16:49	0.08			Screened	Not Sampled	Not Sampled
74	41.34229358	-71.92934311	Southeast Shoreline	2000-09-1	None						2019-06-05 14:12		2019-06-02 14:12	0.08			Not Found	Not Sampled	Not Sampled
75	41.3425434	-71.92992607	Southeast Shoreline	2000-09-1	None	Dry	None	None	Outfall	Fair	2019-06-05 13:57	No	2019-06-02 13:57	0.08			Screened	Not Sampled	Not Sampled
76	41.34283086	-71.93764649	Copps Brook	2102-00-2-R3	Bacteria	Moderate flow	None	None	Catch Basin	Fair	2019-06-05 17:28	Yes	2019-06-02 17:28	0.08	41.342842°N 71.938137°W	Outfall inundated. Inspected first upstream catch basin. Water in it but not	Screened	Not Sampled	Sampled
77	41.34820604	-71.93754632	Copps Brook	2102-00-2-R3	Bacteria	Moderate flow	None	None	Outfall	Good	2019-06-05 17:46	No	2019-06-02 17:46	0.08	41.351088°N 71.938847°W	Outfall inundated. Inspected upstream catch basin in Kidd's Way. Water in it	Screened	Not Sampled	Sampled
78	41.35878379	-71.94508217	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Good	2019-06-05 18:25	No	2019-06-02 18:25	0.08			Screened	Not Sampled	Not Sampled
79	41.35887225	-71.94422541	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus						2019-06-05 18:22		2019-06-02 18:22	0.08			Not Found	Not Sampled	Not Sampled
80	41.35890126	-71.94420773	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Fair	2019-06-05 18:17	No	2019-06-02 18:17	0.08		Outfall not where it's supposed to be. Discharges water from Mistuxet Ave	Screened	Not Sampled	Not Sampled
81	41.3571285	-71.94933083	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus						2019-06-10 19:12		2019-06-06 19:12	0.28			Not Found	Not Sampled	Not Sampled
82	41.34994622	-71.96571437	Southeast Shoreline	2000-15-1	None	Moderate flow	None	None	Interconnection	Good	2019-06-05 21:01	Yes	2019-06-02 21:01	0.08			Screened	Not Sampled	Not Sampled
83	41.34512049	-71.95721012	Southeast Shoreline	2000-13-1	None	Dry	None	None	Outfall	Good	2019-06-05 20:03	No	2019-06-02 20:03	0.08			Screened	Not Sampled	Not Sampled
84	41.34925424	-71.95420282	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Moderate flow	Floatables	None	Catch Basin	Good	2019-06-05 19:55	Yes	2019-06-02 19:55	0.08	41.349370°N 71.954154°W	Outfall inundated. Inspected furthest upstream catch basin. Water in it but not	Screened	Not Sampled	Not Sampled

OF_Detail Sheet_ID	Lat	Long	SBAS	Basin_No	Stormwater pollutant(s) of concern	Flow Description	Visual IDDE Evidence	Olfactory IDDE Evidence	Screening Location	Outfall Condition	Dry Weather Screening Date/Time	Is outfall inundated?	Last Rain Date	Last Rain Amount (in.)	Screening Location ID	Notes	Dry-Weather Screening Status	Dry-Weather Sampling Status	Impaired Waters Sampling Status
85	41.34937416	-71.95429205	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Moderate flow	None	None	Catch Basin	Good	2019-06-05 19:49	Yes	2019-06-02 19:49	0.08	41.349370°N 71.954154°W	Outfall inundated. Inspected furthest upstream catch basin. Water in it but not	Screened	Not Sampled	Not Sampled
86	41.3504602	-71.95577029	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Damp (wet, no flow)	None	None	Outfall	Good	2020-01-10 15:10	Yes	2020-01-07 15:11	0.1	Outfall	Outfall from headwall location 87	Screened	Not Sampled	Not Sampled
87	41.3504406	-71.95557315	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Damp (wet, no flow)	None	None		Good	2020-01-10 15:05	Yes	2020-01-07 15:05	0.1		24" RCP in flow head wall from wetlands	Screened	Not Sampled	Not Sampled
88	41.35484575	-71.9536538	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Good	2019-06-05 19:12	No	2019-06-02 19:12	0.08			Screened	Not Sampled	Sampled
89	41.3552752	-71.95317626	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Moderate flow	None	None	Catch Basin	Good	2019-06-05 19:03	No	2019-06-02 19:03	0.08	41.355133°N 71.952619°W	Outfall inundated. Inspected from upstream catch basin. Water in it but not	Screened	Not Sampled	Sampled
90	41.35744306	-71.95327988	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus						2019-06-05 18:57		2019-06-02 18:57	0.08			Not Found	Not Sampled	Sampled
91	41.35807078	-71.95545269	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Catch Basin	Good	2019-09-06 14:48	Yes	2019-08-28 14:48	1.31	41.35801°N 71.955907°W	Inspected first upstream CB. No flow. CB grate frozen in place	Screened	Not Sampled	Not Sampled
92	41.3528573	-71.95686649	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus				Outfall	Fair	2019-09-06 15:09	Yes	2019-08-28 15:09	1.31		Could not locate upstream inflow	Unscreened	Not Sampled	Sampled
93	41.35346611	-71.9571098	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Catch Basin	Good	2019-09-06 15:14	Yes	2019-08-28 15:14	1.31	41.35362°N 71.957165°W	Upstream CB no flow, outfall 2 pipe 18" HDPE from CB, 15" HDPE from CB	Unscreened	Not Sampled	Not Sampled
94	41.35313117	-71.96144722	Mystic River	2106-00-3-R2	Bacteria						2019-06-05 21:38		2019-06-02 21:38	0.08			Not Found	Not Sampled	Not Sampled
95	41.35187316	-71.96374874	Southeast Shoreline	2000-15-1	None	Dry	None	None	Outfall	Good	2019-06-05 21:28	No	2019-06-02 21:28	0.08		Outfall located in catch basin	Screened	Not Sampled	Not Sampled
96	41.34448498	-71.90965866	Southeast Shoreline	2000-05-1	Bacteria	Dry	None	None		Fair	2019-02-14 19:16	No	2019-02-12 19:16	0.6			Screened	Not Sampled	Sampled
97	41.34379118	-71.90869836	Southeast Shoreline	2000-04-1	Bacteria	Dry	None	None		Good	2019-02-14 19:12	No	2019-02-12 19:12	0.6			Screened	Not Sampled	Sampled
98	41.34503814	-71.90088376	Southeast Shoreline	2000-04-1	Bacteria	Dry	None	None		Good	2019-02-14 18:54	No	2019-02-12 18:54	0.6		Some debris	Screened	Not Sampled	Not Sampled
99	41.39521948	-71.84424988	Pawcatuck River	1000-03-1	Bacteria												Unscreened	Not Sampled	Not Sampled
100	41.38359969	-71.83506086	Pawcatuck River	1000-05-1	Bacteria	High flow	None	None	Outfall	Good	2020-05-14 19:58	No	2020-05-08 19:58	0.36		OF is in-flow from adjacent stream. See	Screened	Not Sampled	Not Sampled
101	41.38356675	-71.83407043	Pawcatuck River	1000-00-4+R4	Bacteria	High flow	None	None	Outfall	Good	2020-05-14 19:39	No	2020-05-08 19:39	0.36			Screened	Not Sampled	Not Sampled
102	41.35851845	-71.95333999	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	High flow	None	None	Outfall	Good	2019-06-10 18:23	Yes	2019-06-06 18:23	0.28		Water flows into outfall from adjacent wetland thru catch basin in road and out	Screened	Not Sampled	Not Sampled
103	41.35199117	-71.96867116	Mystic River	2106-00-3-R2	Bacteria	Dry	None	None	Outfall	Good	2019-06-05 22:13	No	2019-06-02 22:13	0.08			Screened	Not Sampled	Not Sampled
104	41.35212493	-71.96703943	Mystic River	2106-00-3-R2	Bacteria	Moderate flow	None	None	Catch Basin	Fair	2019-06-05 22:02	Yes	2019-06-02 22:02	0.08	41.352267°N 71.966927°W	Outfall inundated. Inspected upstream catch basin. Water in it but not flowing	Screened	Not Sampled	Not Sampled
105	41.35615025	-71.96611215	Mystic River	2106-00-3-R2	Bacteria	Moderate flow	Floatables	None	Catch Basin	Fair	2019-06-05 22:50	Yes	2019-06-02 22:50	0.08	41.356117°N 71.966026°W	Outfall inundated. Inspected first upstream catch basin. Water in it but not	Screened	Not Sampled	Sampled
106	41.35697551	-71.96467061	Mystic River	2106-00-3-R2	Bacteria	Dry	None	None	Outfall	Fair	2019-06-05 23:13	No	2019-06-02 23:13	0.08			Screened	Not Sampled	Sampled
107	41.35836289	-71.96283723	Mystic River	2106-00-3-R2	Bacteria	Dry	None	None	Catch Basin	Good	2019-06-05 23:30	Yes	2019-06-02 23:30	0.08	41.358258°N 71.962833°W	Outfall inundated. Inspected first upstream catch basin. Water in it but not	Screened	Not Sampled	Not Sampled
108	41.35768401	-71.96275701	Mystic River	2106-00-3-R2	Bacteria	Dry	None	None	Catch Basin	Good	2019-06-05 23:19	No	2019-06-02 23:19	0.08	xy41.357614_-71.962769	Outfall inundated. Inspected first upstream catch basin. Water in it but not	Screened	Not Sampled	Not Sampled
109	41.35599403	-71.96492922	Mystic River	2106-00-3-R2	Bacteria	Dry	None	None	Catch Basin	Fair	2019-06-05 23:03	Yes	2019-06-02 23:04	0.08	41.355544°N 71.964707°W	Outfall diameter approximately 48". Outfall inundated. First upstream catch	Screened	Not Sampled	Not Sampled
110	41.35832293	-71.95331668	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	High flow	None	None	Outfall	Fair	2019-06-10 18:35	Yes	2019-06-06 18:35	0.28		Water flows into outfall 102 from adjacent wetland thru catch basin in road and out	Screened	Not Sampled	Sampled
111	41.333341	-71.84508112	Pawcatuck River	1000-00-4+R7	Bacteria, nitrogen, phosphorus	Moderate flow	None	None	Outfall	Fair	2020-01-10 18:55	No	2020-01-07 18:55	0.1			Unscreened	Not Sampled	Not Sampled
113	41.33901164	-71.89816037	Southeast Shoreline	2000-02-1	Bacteria, nitrogen, phosphorus	Trickle (minor flow)	None	None	Outfall	Good	2019-09-19 19:17	No	2019-08-28 19:17	1.31		Another outfall (not on map) nearby. Nearly filled in. See photo	Screened	Sampled	Not Sampled
115	41.34095348	-71.90232413	Southeast Shoreline	2000-03-1	None	Dry	None	None	Outfall	Good	2019-05-07 12:12	No	2019-05-06 12:12	0.19			Screened	Not Sampled	Not Sampled
116	41.34376436	-71.89648366	Southeast Shoreline	2000-02-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Fair	2019-09-20 19:02	No	2019-08-28 19:02	1.31			Screened	Not Sampled	Not Sampled
117	41.35805572	-71.86718752	Anguilla Brook	2101-00-2-L1	None	Dry	None	None		Good	2019-02-27 18:44	No	2019-02-24 18:44	0.81			Screened	Not Sampled	Not Sampled
118	41.367453	-71.94323114	Southeast Shoreline	2000-14-1	None	Dry	None	None	Outfall	Good	2019-06-10 19:53	No	2019-06-06 19:53	0.28			Screened	Not Sampled	Not Sampled
119	41.37488658	-71.94283249	Southeast Shoreline	2000-14-1	None												Unscreened	Not Sampled	Not Sampled
120	41.37537295	-71.94817715	Southeast Shoreline	2000-14-1	None	Dry	None	None	Catch Basin	Good	2020-01-10 13:37	Yes	2020-01-07 13:38	0.1	xy41.374097_-71.944444	Screened farthest upstream catch basin where no flow was present.	Screened	Not Sampled	Not Sampled
129	41.36515225	-71.93426807	Copps Brook	2102-00-2-R3	None												Unscreened	Not Sampled	Not Sampled
130	41.36487899	-71.93491554	Copps Brook	2102-00-2-R3	None				Outfall		2020-01-10 15:57	Yes	2020-01-07 15:58	0.1		Submerged in plunge pool	Unscreened	Not Sampled	Not Sampled
131	41.36490924	-71.9348644	Copps Brook	2102-00-2-R3	None				Outfall		2020-01-10 15:59	Yes	2020-01-07 15:59	0.1		Submerged in plunge pool	Unscreened	Not Sampled	Not Sampled
132	41.34690046	-71.95410896	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Catch Basin	Fair	2019-06-05 20:40	Yes	2019-06-02 20:40	0.08	41.346874°N 71.954114°W	Outfall inundated. Inspected upstream catch basin. Water in it but not flowing	Screened	Not Sampled	Not Sampled
133	41.34678549	-71.95380482	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Good	2019-06-05 20:38	No	2019-06-02 20:38	0.08			Screened	Not Sampled	Not Sampled
134	41.35123597	-71.95640151	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Good	2019-06-05 19:36	No	2019-06-02 19:36	0.08			Screened	Not Sampled	Sampled
135	41.35845882	-71.94938979	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Moderate flow	None	None	Outfall	Poor	2020-01-10 15:21	Yes	2020-01-07 20:14	0.1		From wetlands	Screened	Not Sampled	Not Sampled
136	41.36530155	-71.93287194	Copps Brook	2102-00-2-R3	None	Moderate flow	None	None	Catch Basin	Good	2019-06-10 19:23	Yes	2019-06-06 15:12	0.28	41.365290°N 71.933032°W		Screened	Not Sampled	Not Sampled
137	41.37341502	-71.94930999	Southeast Shoreline	2000-14-1	None	Damp (wet, no flow)	None	None	Outfall	Good	2019-06-10 20:09	No	2019-06-06 20:09	0.28			Screened	Not Sampled	Not Sampled
138	41.37419709	-71.94862214	Southeast Shoreline	2000-14-1	None	Dry	None	None	Catch Basin	Fair	2019-06-10 21:28	Yes	2019-06-06 21:28	0.28	41.374220°N 71.948529°W	Water in upstream catch basin but not	Screened	Not Sampled	Not Sampled
139	41.37411757	-71.94807762	Southeast Shoreline	2000-14-1	None	Moderate flow	None	None		Good	2019-06-10 21:37	Yes	2019-06-06 21:37	0.28		No upstream catch basin indicated on map. 3 outfalls at location: (2) 48-inch diameter and (1) smaller that was not	Unscreened	Not Sampled	Not Sampled
140	41.37378582	-71.94810047	Southeast Shoreline	2000-14-1	None	Dry	None	None	Catch Basin	Good	2019-06-10 21:09	Yes	2019-06-06 21:09	0.28	41.374220°N 71.948529°W	Water in upstream catch basin but not	Screened	Not Sampled	Not Sampled
141	41.37352034	-71.94777762	Southeast Shoreline	2000-14-1	None	Dry	None	None	Catch Basin	Good	2019-06-10 20:58	Yes	2019-06-06 20:58	0.28	41.373552°N 71.947730°W		Screened	Not Sampled	Not Sampled
142	41.37357599	-71.94750513	Southeast Shoreline	2000-14-1	None	Dry	None	None	Outfall	Fair	2019-06-10 20:56	No	2019-06-06 20:56	0.28			Screened	Not Sampled	Not Sampled
143	41.38093929	-71.95832217	Mystic River	2106-00-3-R1	Bacteria	Dry	None	None	Outfall	Good	2019-09-06 5:05	No	2019-08-28 17:05	1.31			Screened	Not Sampled	Not Sampled
144	41.38237575	-71.95735313	Mystic River	2106-00-3-R1	Bacteria	Dry	None	None	Outfall	Fair	2019-09-06 16:52	No	2019-08-28 16:52	1.31			Screened	Not Sampled	Not Sampled
145	41.38525276	-71.8332058	Pawcatuck River	1000-00-4+R4	Bacteria	Dry	None	None	Catch Basin		2020-05-14 19:30		2020-05-08 19:30	0.36	xy41.385292_-71.833357	Could not locate OF/no access. Screened first upstream CB	Screened	Not Sampled	Not Sampled
146	41.38643757	-71.85978717	Anguilla Brook	2101-00-2-L1	None	Trickle (minor flow)	None	None	Catch Basin	Good	2020-05-14 17:15	Yes	2020-05-08 17:15	0.36		All upstream structures are inundated. Minor flow out of furthest upstream CB.	Screened	Not Sampled	Not Sampled
147	41.34171577	-71.90148013	Southeast Shoreline	2000-03-1	None	Dry	None	None		Good	2019-02-14 20:16	No	2019-02-12 20:16	0.6			Screened	Not Sampled	Not Sampled
148	41.35203066	-71.84335723	Pawcatuck River	1000-00-4+R6	Bacteria	Dry	None	None	Outfall	Good	2020-03-12 14:58	No	2020-03-04 15:58	0.14		No access to OF due to chain link fence surrounding retention pond that OF	Screened	Not Sampled	Not Sampled
152	41.35042683	-71.96144795	Southeast Shoreline	2000-15-1	None						2019-06-05 21:15		2019-06-02 21:15	0.08		First upstream catch basin under water	Not Found	Not Sampled	Not Sampled
153	41.35053329	-71.96129793	Southeast Shoreline	2000-15-1	None						2019-06-05 21:14		2019-06-02 21:14	0.08		First upstream catch basin under water	Not Found	Not Sampled	Not Sampled
154	41.34723307	-71.91990524	Southeast Shoreline	2000-08-1	Bacteria	Dry	None	None	Outfall	Good	2019-05-07 13:37	No	2019-05-06 13:37	0.19			Screened	Not Sampled	Sampled
155	41.34599884	-71.91933079	Southeast Shoreline	2000-08-1	Bacteria	Dry	None	None	Outfall	Good	2019-05-07 13:32	No	2019-05-06 13:32	0.19			Screened	Not Sampled	Sampled
156	41.34608191	-71.9183627	Southeast Shoreline	2000-08-1	Bacteria	Dry	None	None	Catch Basin	Crumbling/Col	2019-06-05 15:33	Yes	2019-06-02 15:33	0.08	41.346442°N 71.918054°W	Outfall inundated. Inspected first upstream catch basin. Water in it but not	Screened	Not Sampled	Sampled
157	41.34749023	-71.90359933	Southeast Shoreline	2000-04-1	Bacteria	Dry	None	None	Outfall	Good	2019-05-07 13:13	No	2019-05-06 13:13	0.19			Screened	Not Sampled	Not Sampled
158	41.34719759	-71.90993667	Southeast Shoreline	2000-04-1	Bacteria		None	None	Catch Basin	Good	2019-02-27 16:45	Yes	2019-02-24 20:03	0.81	xy41.347099_-71.910448		Screened	Not Sampled	Not Sampled
159	41.34712071	-71.90699414	Southeast Shoreline	2000-04-1	Bacteria	Trickle (minor flow)											Screened	Not Sampled	Sampled
161	41.34532451	-71.91320444	Southeast Shoreline	2000-05-1	Bacteria	Dry	None	None		Poor	2019-02-14 19:23	No	2019-02-12 19:19	0.6		Pipe is deteriorating	Screened	Not Sampled	Sampled
162	41.34287481	-71.90585089	Southeast Shoreline	2000-04-1	Bacteria	Dry	None	None		Good	2019-02-14 19:06	No	2019-02-12 19:06	0.6		Two identical pipes	Screened	Not Sampled	Sampled
163	41.33896686	-71.9016136	Southeast Shoreline	2000-03-1	None	Dry	None	None		Good	2019-02-14 15:47	No	2019-02-12 15:47	0.6			Screened	Not Sampled	Not Sampled
164	41.3403078	-71.89989356	Southeast Shoreline	2000-02-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Good	2019-05-07 12:43	No	2019-05-06 12:43	0.19			Screened	Not Sampled	Not Sampled
165	41.34279707	-71.89796001	Southeast Shoreline	2000-02-1	Bacteria, nitrogen, phosphorus													Not Sampled	Not Sampled
166	41.35715646	-71.92610223	Southeast Shoreline	2000-07-1	Bacteria	Moderate flow	None	None	Catch Basin	Good	2019-06-05 16:30	Yes	2019-06-02 16:30	0.08	41.356804°N 71.926669°W	Outfall inundated. Inspected 2nd upstream catch basin. Water in it but not	Screened	Not Sampled	Not Sampled

OF_Detail Sheet_ID	Lat	Long	SBAS	Basin_No	Stormwater pollutant(s) of concern	Flow Description	Visual IDDE Evidence	Olfactory IDDE Evidence	Screening Location	Outfall Condition	Dry Weather Screening Date/Time	Is outfall inundated?	Last Rain Date	Last Rain Amount (in.)	Screening Location ID	Notes	Dry-Weather Screening Status	Dry-Weather Sampling Status	Impaired Waters Sampling Status
167	41.35349122	-71.87836807	Anguilla Brook	2101-00-2-R1	Bacteria, nitrogen, phosphorus	Trickle (minor flow)	None	None		Good	2019-02-27 18:30	No	2019-02-24 18:31	0.81		10".. from catch basin, flow first comes out of corrugated metal pipe, then into pond, and finally into plastic pipe ending on other side of road... second picture shows the transfer (first picture is ending	Screened	Not Sampled	Not Sampled
171	41.35413818	-71.85256966	Anguilla Brook	2101-00-2-L1	None	Damp (wet, no flow)	None	None	Outfall		2020-01-10 17:12	No	2020-01-07 17:12	0.1	41.354092°N 71.851786°W	Overgrown, upstream CB	Screened	Not Sampled	Not Sampled
172	41.35534564	-71.8533807	Anguilla Brook	2101-00-2-L1	None	Trickle (minor flow)	None	None	Outfall	Good	2020-01-10 17:23		2020-01-07 17:23	0.1		Need to sample	Screened	Not Sampled	Not Sampled
173	41.38505198	-71.84284551	Pawcatuck River	1000-05-1	Bacteria	Dry	None	None	Catch Basin	Fair	2020-05-14 18:59	Yes	2020-05-08 18:59	0.36	xy41.38565_-71.841495	Screened first upstream CB not	Screened	Not Sampled	Not Sampled
174	41.3847235	-71.84403787	Pawcatuck River	1000-05-1	Bacteria	Moderate flow	None	None	Outfall	Fair	2020-05-14 18:50	No	2020-05-08 18:50	0.36			Unscreened	Not Sampled	Not Sampled
175	41.38469503	-71.84443472	Pawcatuck River	1000-05-1	Bacteria	Moderate flow	None	None	Outfall	Good	2020-06-03 16:53	No	2020-05-30 16:53	0.13		OF is in-flow from adjacent stream. See	Screened	Not Sampled	Not Sampled
176	41.38443194	-71.8425806	Pawcatuck River	1000-05-1	Bacteria	Moderate flow	None	None	Outfall	Good	2020-06-03 17:01	No	2020-05-30 17:01	0.13		OF is in-flow from adjacent pond. See	Screened	Not Sampled	Not Sampled
177	41.38809264	-71.83402291	Pawcatuck River	1000-00-4+R4	Bacteria	Dry	None	None	Outfall	Good	2020-05-14 19:15	No	2020-05-08 19:15	0.36			Screened	Not Sampled	Not Sampled
178	41.38157172	-71.83328176	Pawcatuck River	1000-00-4+R5	Bacteria	Dry	None	None	Outfall	Fair	2020-05-14 14:41	No	2020-05-08 14:41	0.36			Screened	Not Sampled	Not Sampled
179	41.38073581	-71.83298786	Pawcatuck River	1000-00-4+R6	Bacteria	Trickle (minor flow)	None	None	Outfall	Good	2020-05-14 14:32	No	2020-05-08 14:32	0.36			Screened	Not Sampled	Not Sampled
180	41.37879734	-71.83692638	Pawcatuck River	1000-00-4+R6	Bacteria	High flow	None	None	Outfall	Fair	2020-05-14 14:53	No	2020-05-08 14:53	0.36		OF is in-flow from concrete drainage structure (see photos)	Screened	Not Sampled	Not Sampled
181	41.38281071	-71.84980273	Pawcatuck River	1000-00-4+R6	Bacteria	Dry	None	None	Catch Basin		2020-05-14 18:26		2020-05-08 18:26	0.36	xy41.383355_-71.849971	Could not locate OF. First upstream CB inundated. Next upstream CB dry but had	Screened	Not Sampled	Not Sampled
182	41.37922876	-71.83933125	Pawcatuck River	1000-00-4+R6	Bacteria						2020-05-14 15:27		2020-05-08 15:27	0.36			Not Found	Not Sampled	Not Sampled
183	41.37916066	-71.83912236	Pawcatuck River	1000-00-4+R6	Bacteria				Catch Basin	Good	2020-05-14 15:18	Yes	2020-05-08 15:18	0.36			Unscreened	Not Sampled	Not Sampled
184	41.3787403	-71.83788829	Pawcatuck River	1000-00-4+R6	Bacteria	Dry	None	None	Catch Basin	Good	2020-05-14 15:01	Yes	2020-05-08 15:01	0.36	xy41.378205_-71.838066		Screened	Not Sampled	Not Sampled
185	41.37643496	-71.83269982	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	Dry	None	None	Catch Basin		2020-03-12 20:13	Yes	2020-03-04 21:13	0.14	xy41.376679_-71.833437	OF is set back under rocks (see photo) so can't determine physical characteristics; inspected first upstream CB - no flow, but lousy photos due to	Screened	Not Sampled	Not Sampled
186	41.37915722	-71.8311157	Pawcatuck River	1000-00-4+R6	Bacteria		None	None	Catch Basin		2020-05-14 14:20	Yes	2020-05-08 14:20	0.36	xy41.378553_-71.831404	Could not locate OF (likely in river according to map) so inspected first	Screened	Not Sampled	Not Sampled
187	41.38405064	-71.8414457	Pawcatuck River	1000-05-1	Bacteria	Dry	None	None	Catch Basin	Fair	2020-06-03 17:32	Yes	2020-05-30 17:32	0.13	xy41.383941_-71.841079		Screened	Not Sampled	Not Sampled
188	41.38440344	-71.83990768	Pawcatuck River	1000-05-1	Bacteria	Dry	None	None	Outfall	Good	2020-06-03 17:23	No	2020-05-30 17:24	0.13			Screened	Not Sampled	Not Sampled
189	41.38446374	-71.83988845	Pawcatuck River	1000-05-1	Bacteria	Dry	None	None	Outfall	Good	2020-06-03 17:22	No	2020-05-30 17:22	0.13			Screened	Not Sampled	Not Sampled
190	41.38403412	-71.83701449	Pawcatuck River	1000-05-1	Bacteria	Dry	None	None	Catch Basin		2020-05-14 20:20		2020-05-08 20:20	0.36	xy41.383486_-71.837355	Could not locate OF. Screened first	Screened	Not Sampled	Not Sampled
191	41.38367108	-71.83580981	Pawcatuck River	1000-05-1	Bacteria	Dry	None	None	Outfall	Fair	2020-05-14 19:47	No	2020-05-08 19:47	0.36			Screened	Not Sampled	Not Sampled
192	41.38412783	-71.8417776	Pawcatuck River	1000-05-1	Bacteria	Moderate flow	None	None	Outfall	Good	2020-06-03 17:11	Yes	2020-05-30 17:11	0.13		All upstream structures were flowing. Furthest upstream structure is OF-176	Screened	Not Sampled	Not Sampled
193	41.37719465	-71.94166186	Southeast Shoreline	2000-14-1	None												Unscreened	Not Sampled	Not Sampled
194	41.37929247	-71.94359802	Southeast Shoreline	2000-14-1	None												Unscreened	Not Sampled	Not Sampled
195	41.37947771	-71.94359224	Southeast Shoreline	2000-14-1	None												Unscreened	Not Sampled	Not Sampled
196	41.3794727	-71.94322686	Southeast Shoreline	2000-14-1	None												Unscreened	Not Sampled	Not Sampled
211	41.38586691	-71.86795826	Anguilla Brook	2101-00-2-L1	None	Dry	None	None	Outfall	Good	2020-04-29 17:53	No	2020-04-26 17:52	0.19		Yard waste (leaves) dumped onto OF	Screened	Not Sampled	Not Sampled
212	41.38839187	-71.86769512	Anguilla Brook	2101-00-2-L1	None	Damp (wet, no flow)	None	None	Outfall	Good	2020-04-29 18:10	No	2020-04-26 18:10	0.19			Screened	Not Sampled	Not Sampled
213	41.38947345	-71.86325253	Anguilla Brook	2101-00-2-L1	None	Dry	None	None	Outfall	Good	2020-04-29 18:49	No	2020-04-26 18:49	0.19		Yard waste(leaves) dumped onto OF	Screened	Not Sampled	Not Sampled
214	41.38937757	-71.86381195	Anguilla Brook	2101-00-2-L1	None	Damp (wet, no flow)	None		Outfall	Good	2020-04-29 18:44	No	2020-04-26 18:44	0.19			Screened	Not Sampled	Not Sampled
215	41.38971792	-71.86014733	Anguilla Brook	2101-00-2-L1	None	Trickle (minor flow)	Foam of unnatural	None	Outfall	Good	2020-04-29 18:29	No	2020-04-26 18:30	0.19			Unscreened	Not Sampled	Not Sampled
216	41.38965331	-71.86046378	Anguilla Brook	2101-00-2-L1	None	Trickle (minor flow)	None	None	Outfall	Fair	2020-04-29 18:22	No	2020-04-26 18:22	0.19		Water flowing into OF from adjacent	Screened	Not Sampled	Not Sampled
221	41.38555437	-71.85660808	Anguilla Brook	2101-00-2-L1	None	Dry	None	None	Outfall	Good	2020-05-14 16:38	No	2020-05-08 16:38	0.36			Screened	Not Sampled	Not Sampled
222	41.38547661	-71.8520484	Pawcatuck River	1000-05-1	Bacteria	Dry	None	None	Outfall	Good	2020-05-14 4:54	No	2020-05-08 16:54	0.36			Screened	Not Sampled	Not Sampled
223	41.38043855	-71.85665803	Anguilla Brook	2101-00-2-L1	None	Moderate flow	None	None	Outfall	Good	2020-05-14 16:02	No	2020-05-08 16:02	0.36			Screened	Not Sampled	Not Sampled
224	41.39075549	-71.96046819	Whitford Brook	2104-00-2-R1	None	Dry	None	None	Outfall	Good	2019-09-06 17:31	No	2019-08-28 19:48	1.31			Screened	Not Sampled	Not Sampled
225	41.38607061	-71.95800069	Mystic River	2106-00-3-R1	Bacteria	Dry	None	None	Outfall	Good	2019-09-20 13:43	No	2019-08-28 17:22	1.31			Screened	Not Sampled	Sampled
226	41.34040218	-71.94157908	Copps Brook	2102-00-2-R3	Bacteria	Dry	None	None	Outfall	Good	2019-06-05 12:27	No	2019-06-02 12:27	0.08			Screened	Not Sampled	Not Sampled
227	41.33964171	-71.94367136	Southeast Shoreline	2000-11-1	Bacteria	Dry	None	None	Outfall	Good	2019-05-07 15:52	No	2019-05-06 15:52	0.19			Screened	Not Sampled	Not Sampled
228	41.33990472	-71.94454935	Southeast Shoreline	2000-11-1	Bacteria	Dry	None	None	Outfall	Good	2019-05-07 15:59	No	2019-05-06 15:59	0.19		Outfall filled with sediment and roots	Screened	Not Sampled	Not Sampled
229	41.33957518	-71.93204242	Southeast Shoreline	2000-10-1	Bacteria	Dry	None	None	Outfall	Good	2019-05-07 16:11	No	2019-05-06 16:11	0.19			Screened	Not Sampled	Not Sampled
230	41.33609538	-71.93136268	Southeast Shoreline	2000-10-1	Bacteria	Dry	None	None	Catch Basin		2019-06-05 12:52	Yes	2019-06-02 12:52	0.08	41.336678°N 71.929959°W	Outfall inundated. Inspected furthest upstream catch basin. Water in it but not	Screened	Not Sampled	Sampled
231	41.33517343	-71.92957566	Southeast Shoreline	2000-10-1	Bacteria	Dry	None	None	Outfall	Good	2019-06-06 0:59	No	2019-06-02 12:59	0.08			Screened	Not Sampled	Sampled
232	41.39149971	-71.86720055	Anguilla Brook	2101-00-2-L1	None	Moderate flow	None	None	Outfall	Good	2020-06-03 20:33	No	2020-05-30 20:33	0.13		OF appears to drain wetland across street. 3 OFs in head wall	Screened	Not Sampled	Not Sampled
234	41.341201	-71.92106225	Southeast Shoreline	2000-09-1	None	Dry	None	None	Outfall	Good	2019-06-05 15:19	No	2019-06-02 15:19	0.08			Screened	Not Sampled	Not Sampled
235	41.33332579	-71.92824646	Southeast Shoreline	2000-10-1	Bacteria	Moderate flow	None	None	Catch Basin	Fair	2019-06-05 13:28	Yes	2019-06-02 13:28	0.08	41.333584°N 71.928362°W	Outfall inundated. Inspected furthest upstream catch basin. Water in it but not	Screened	Not Sampled	Sampled
236	41.33382776	-71.92744079			Bacteria	Dry	None	None	Outfall	Crumbling/Col	2019-06-05 13:36	No	2019-06-02 13:36	0.08		Foam at upstream catch basin	Screened	Not Sampled	Not Sampled
237	41.334418	-71.9274527	Southeast Shoreline	2000-10-1	Bacteria	Moderate flow	None	None	Outfall	Good	2019-06-05 13:40	Yes	2019-06-02 13:41	0.08		Flow from wetland into outfall	Screened	Not Sampled	Not Sampled
238	41.33467579	-71.9275356	Southeast Shoreline	2000-10-1	Bacteria	Moderate flow	None	None	Catch Basin	Good	2019-06-05 13:45	Yes	2019-06-02 13:45	0.08	41.334667°N 71.927602°W		Screened	Not Sampled	Not Sampled
239	41.36205957	-71.95540524	Southeast Shoreline	2000-14-1	None						2019-06-10 17:23		2019-06-06 17:23	0.28		Adjacent resident has been dumping land cleaning debris in area of outfall. Too	Not Found	Not Sampled	Not Sampled
240	41.36315989	-71.95506918	Southeast Shoreline	2000-14-1	None	Moderate flow	None	None	Catch Basin	Fair	2019-06-10 17:37	Yes	2019-06-06 17:37	0.28	41.362969°N 71.955775°W	No evidence of illicit discharge other than water entering catch basin from property at NW corner of intersection of Cutter	Unscreened	Not Sampled	Not Sampled
241	41.36265327	-71.96279292	Mystic River	2106-00-3-R2	Bacteria	Moderate flow	None	None	Catch Basin	Good	2019-06-10 16:54	Yes	2019-06-06 16:55	0.28	41.362418°N 71.962145°W		Screened	Not Sampled	Not Sampled
242	41.37143308	-71.95473501	Mystic River	2106-00-3-R1	Bacteria	Dry	None	None	Outfall	Good	2019-06-10 21:52	No	2019-06-06 21:52	0.28			Screened	Not Sampled	Not Sampled
243	41.37064178	-71.95541907	Mystic River	2106-00-3-R1	Bacteria	Dry	None	None	Outfall	Good	2019-06-10 22:07	No	2019-06-06 22:07	0.28		Outfall largely filled in with sediment	Screened	Not Sampled	Not Sampled
244	41.37087444	-71.95510427	Mystic River	2106-00-3-R1	Bacteria	Dry	None	None	Catch Basin	Good	2019-06-10 21:59	Yes	2019-06-06 21:59	0.28	41.370641°N 71.955049°W	Water in upstream catch but not flowing	Screened	Not Sampled	Not Sampled
245	41.38129995	-71.96087389	Mystic River	2106-00-3-R1	Bacteria	Dry	None	None	Outfall	Fair	2019-09-06 16:58	No	2019-08-28 16:58	1.31			Screened	Not Sampled	Sampled
253	41.36059281	-71.87646191	Anguilla Brook	2101-00-2-R1	Bacteria, nitrogen, phosphorus	High flow	None	None		Poor	2019-02-27 18:18	No	2019-02-24 18:18	0.81			Screened	Not Sampled	Not Sampled
254	41.35994143	-71.88178611	Anguilla Brook	2101-00-2-R1	Bacteria, nitrogen, phosphorus	Dry	None	None		Good	2019-02-27 17:55	No	2019-02-24 17:55	0.81		Second picture shows other pipe from OF 49 across street also	Screened	Not Sampled	Not Sampled
255	41.35868039	-71.87976418	Anguilla Brook	2101-00-2-R1	Bacteria, nitrogen, phosphorus	Dry	None	None		Good	2019-02-27 5:15	No	2019-02-24 17:15	0.81		heavy sediment buildup	Screened	Not Sampled	Not Sampled
256	41.36412561	-71.87251632	Anguilla Brook	2101-00-2-L1	None	Dry	None	None		Fair	2019-02-27 19:01	No	2019-02-24 19:01	0.81		Sediment	Screened	Not Sampled	Not Sampled
257	41.36131555	-71.86640964	Anguilla Brook	2101-00-2-L1	None	High flow	None	None	Outfall	Crumbling/Col	2020-03-12 14:18	No	2020-03-04 15:18	0.14			Screened	Not Sampled	Not Sampled
258	41.36664653	-71.85749643	Anguilla Brook	2101-00-2-L1	None	Dry	None	None	Catch Basin	Good	2020-03-12 13:50	Yes	2020-03-04 14:50	0.14	41.366935°N 71.859269°W	Inspected 5th upstream CB. CB grates	Screened	Not Sampled	Not Sampled
259	41.36821021	-71.83623834	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	Moderate flow	None	None	Outfall	Good	2020-03-12 19:18	No	2020-03-04 20:18	0.14		OF pipe broken ~4 ft from end of pipe	Screened	Not Sampled	Not Sampled
260	41.36829715	-71.83638472	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Good	2020-03-12 19:24	No	2020-03-04 20:24	0.14		OF is inlet to underground drainage structure which appears to connect to	Screened	Not Sampled	Not Sampled
261	41.36574554	-71.83860364	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Good	2020-03-12 18:54	No	2020-03-04 19:54	0.14			Screened	Not Sampled	Not Sampled
262	41.36440719	-71.83858	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	High flow	None	None	Outfall	Good	2020-03-12 18:24	No	2020-03-04 19:24	0.14		OF drains stream from west side of road	Screened	Not Sampled	Not Sampled
263	41.36345338	-71.83849525	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Fair	2020-03-12 18:15	No	2020-03-04 19:15	0.14			Screened	Not Sampled	Not Sampled
264	41.36312263	-71.83882496	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	Moderate flow	None	None	Outfall	Good	2020-03-12 18:11	No	2020-03-04 19:11	0.14			Screened	Not Sampled	Not Sampled
265	41.35880459	-71.839986	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Good	2020-03-12 17:49	No	2020-03-04 18:49	0.14			Screened	Not Sampled	Not Sampled
266	41.36869659	-71.83977544	Pawcatuck River	1000-00-4+R6	Bacteria	Dry	None	None	Outfall	Good	2020-04-29 14:26	No	2020-04-26 14:26	0.19		OF half buried by sediment	Screened	Not Sampled	Not Sampled
267	41.36793752	-71.84304331	Pawcatuck River	1000-00-4+R6	Bacteria	Trickle (minor flow)	None	None	Outfall	Good	2020-04-29 14:37	No	2020-04-26 14:35	0.19		OF behind house, not adjacent to CB	Screened	Not Sampled	Not Sampled
268	41.36668571	-71.84368774	Pawcatuck River	1000-00-4+R6	Bacteria	Damp (wet, no flow)	None	None	Outfall	Good	2020-04-29 14:46	No	2020-04-26 14:46	0.19			Screened	Not Sampled	Not Sampled
269	41.36798257	-71.84593011	Anguilla Brook	2101-00-2-L1	None	Dry	None	None	Outfall	Good	2020-04-29 14:11	No	2020-04-26 14:11	0.19			Screened	Not Sampled	Not Sampled
270	41.37412785	-71.84228291	Pawcatuck River	1000-00-4+R6	Bacteria	High flow	None	None	Outfall	Good	2020-04-29 16:37	No	2020-04-26 16:37	0.19			Screened	Not Sampled	Not Sampled
271	41.36877382	-71.83722826	Pawcatuck River	1000-00-4+R6	Bacteria		None	None	Outfall	Good	2020-03-12 19:36	Yes	2020-03-04 20:36	0.14			Screened	Not Sampled	Not Sampled
272	41.37419169	-71.84888097	Anguilla Brook	2101-00-2-L1	None	Moderate flow	None	None	Outfall	Good	2020-04-28 15:02	Yes	2020-04-26 15:03	0.19		Water flows into OF from adjacent	Screened	Not Sampled	Not Sampled

OF_Detail Sheet_ID	Lat	Long	SBAS	Basin_No	Stormwater pollutant(s) of concern	Flow Description	Visual IDDE Evidence	Olfactory IDDE Evidence	Screening Location	Outfall Condition	Dry Weather Screening Date/Time	Is outfall inundated?	Last Rain Date	Last Rain Amount (in.)	Screening Location ID	Notes	Dry-Weather Screening Status	Dry-Weather Sampling Status	Impaired Waters Sampling Status
273	41.37398876	-71.84949069	Anguilla Brook	2101-00-2-L1	None	Moderate flow	Floatables	None	Outfall	Fair	2020-04-29 15:25	Yes	2020-04-26 15:25	0.19		Water flows into OF from adjacent	Screened	Not Sampled	Not Sampled
274	41.37395214	-71.84888397	Anguilla Brook	2101-00-2-L1	None	Moderate flow	None	None	Outfall	Fair	2020-04-29 15:13	Yes	2020-04-26 15:13	0.19		Flow appears to be from OF-272. See	Unscreened	Not Sampled	Not Sampled
275	41.3564443	-71.84079681	Pawcatuck River	1000-00-4+R6	Bacteria	Dry	None	None	Outfall	Good	2020-03-12 15:15	No	2020-03-04 16:15	0.14			Screened	Not Sampled	Not Sampled
276	41.35650571	-71.84160894	Pawcatuck River	1000-00-4+R6	Bacteria	Moderate flow	None	None	Outfall	Good	2020-03-12 15:30	No	2020-03-12 15:30	0.14			Screened	Not Sampled	Not Sampled
277	41.35674735	-71.84463785	Pawcatuck River	1000-00-4+R6	Bacteria	Dry	None	None	Catch Basin	Fair	2020-03-12 15:39	Yes	2020-03-04 16:39	0.14	xy41.356322_-71.844584	Inspected first upstream CB. Couldn't	Screened	Not Sampled	Not Sampled
278	41.3566476	-71.84564238	Pawcatuck River	1000-00-4+R6	Bacteria	Moderate flow	None	None	Outfall	Fair	2020-03-12 15:56	No	2020-03-04 16:56	0.14			Screened	Not Sampled	Not Sampled
279	41.35157486	-71.83756917	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	Moderate flow	None	None	Outfall	Good	2020-01-10 18:19	No	2020-01-07 18:19	0.1			Screened	Not Sampled	Not Sampled
280	41.35215102	-71.83780279	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	Moderate flow	None	None	Outfall	Good	2020-01-10 18:26	No	2020-01-07 18:26	0.1			Screened	Not Sampled	Not Sampled
281	41.352139	-71.83778381	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	Moderate flow	None	None	Outfall	Good	2020-01-10 18:22	No	2020-01-07 18:22	0.1			Screened	Not Sampled	Not Sampled
282	41.34978743	-71.84167434	Pawcatuck River	1000-00-4+R6	Bacteria	Trickle (minor flow)	None	None	Outfall	Fair	2020-01-10 18:35	No	2020-01-07 18:35	0.1		In flow point. CB downstream in photo	Screened	Not Sampled	Not Sampled
283	41.34841284	-71.84374451	Pawcatuck River	1000-00-4+R6	Bacteria	Dry	None	None	Outfall	Good	2020-01-10 18:39	No	2020-01-07 18:39	0.1		In flow point	Screened	Not Sampled	Not Sampled
284	41.34320796	-71.84192723	Southeast Shoreline	2000-01-1	Bacteria, nitrogen, phosphorus	Damp (wet, no flow)	None	None	Outfall	Poor	2020-01-10 17:32	Yes	2020-01-07 17:32	0.1			Screened	Not Sampled	Not Sampled
285	41.34222927	-71.84066124	Pawcatuck River	1000-00-4+R7	Bacteria, nitrogen, phosphorus	Trickle (minor flow)	None	None	Outfall	Fair	2020-01-10 17:39	No	2020-01-07 17:39	0.1			Screened	Not Sampled	Not Sampled
286	41.34272794	-71.83473334	Pawcatuck River	1000-00-4+R7	Bacteria, nitrogen, phosphorus	Moderate flow	None	None	Outfall	Good	2020-01-10 18:02	No	2020-01-07 18:02	0.1		Flowing	Screened	Not Sampled	Not Sampled
287	41.39873698	-71.84794321	Pawcatuck River	1000-00-4+R1	Bacteria	Dry	None	None	Outfall	Good	2020-06-03 19:40	No	2020-05-30 19:40	0.13		Yard waste above OF. Litter in area	Screened	Not Sampled	Not Sampled
290	41.4081262	-71.9376848	Whitford Brook	2104-03-1	None	Dry	None	None	Outfall	Good	2019-09-06 18:09	No	2019-08-28 18:09	1.31			Screened	Not Sampled	Not Sampled
292	41.39835012	-71.84371305	Pawcatuck River	1000-00-4+R1	Bacteria						2020-06-03 18:54		2020-05-30 18:54	0.13		Upstream CB has no indication of	Not Found	Not Sampled	Not Sampled
293	41.39785645	-71.84317093	Pawcatuck River	1000-00-4+R1	Bacteria	Dry	None	None	Outfall	Good	2020-06-03 18:37	No	2020-05-30 18:37	0.13		Litter at OF	Screened	Not Sampled	Not Sampled
294	41.39809061	-71.8435985	Pawcatuck River	1000-00-4+R1	Bacteria	Dry	None	None	Outfall	Good	2020-06-03 18:42	No	2020-05-30 18:42	0.13			Screened	Not Sampled	Not Sampled
295	41.3927431	-71.96046137	Whitford Brook	2104-00-2-R1	None	Dry	None	None	Outfall	Good	2019-09-06 17:43	No	2019-08-28 19:50	1.31			Screened	Not Sampled	Not Sampled
298	41.40924637	-71.93476899	Copps Brook	2102-00-1	None	Dry	None	None	Outfall	Good	2019-09-06 18:01	No	2019-08-28 18:02	1.31			Screened	Not Sampled	Not Sampled
301	41.40287491	-71.84718075	Pawcatuck River	1000-00-4+R1	Bacteria	Dry	None	None	Catch Basin	Good	2020-06-03 19:08	Yes	2020-05-30 19:08	0.13	xy41.402504_-71.8483		Screened	Not Sampled	Not Sampled
302	41.39827704	-71.84410259	Pawcatuck River	1000-00-4+R1	Bacteria	Dry	None	None	Outfall	Good	2020-06-03 18:45	No	2020-05-30 18:45	0.13			Screened	Not Sampled	Not Sampled
303	41.40416117	-71.85150975	Pawcatuck River	1000-00-4+R1	Bacteria	Dry	None	None	Outfall	Good	2020-06-03 19:24	No	2020-05-30 19:24	0.13			Screened	Not Sampled	Not Sampled
304	41.39735492	-71.85103322	Pawcatuck River	1000-03-1	Bacteria	Moderate flow	Foam of unnatural	None	Outfall	Good	2020-06-03 19:48	No	2020-05-30 19:48	0.13		3 pipes in head wall	Screened	Not Sampled	Not Sampled
305	41.39694371	-71.85347274	Pawcatuck River	1000-03-1	Bacteria	Moderate flow	None	None	Outfall	Good	2020-06-03 19:55		2020-05-30 19:55	0.13		3 pipes in head wall	Screened	Not Sampled	Not Sampled
306	41.39646301	-71.85539686	Pawcatuck River	1000-03-1	Bacteria	Moderate flow	None	None	Outfall	Good	2020-06-03 20:01	No	2020-05-30 20:01	0.13		2 pipes in head wall	Screened	Not Sampled	Not Sampled
313	41.35887225	-71.94422541	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus												Unscreened	Not Sampled	Not Sampled
314	41.37770996	-71.83172431	Pawcatuck River	1000-00-4+R6	Bacteria, nitrogen, phosphorus	Dry	None	None	Catch Basin	Fair	2020-03-12 20:29	Yes	2020-03-04 21:29	0.14	xy41.377786_-71.831733	inspected first upstream CB - no flow, but lousy photos due to limited access and inability to remove CB grate due to	Screened	Not Sampled	Not Sampled
315	41.37391707	-71.84907925	Anguilla Brook	2101-00-2-L1	None	Damp (wet, no flow)	None	None	Outfall	Good	2020-04-29 15:21	No	2020-04-26 15:21	0.19			Unscreened	Not Sampled	Not Sampled
316	41.36943525	-71.83501187	Pawcatuck River	1000-00-4+R6	Bacteria						2020-03-12 20:06		2020-03-04 21:06	0.14			Not Found	Not Sampled	Not Sampled
317	41.38576007	-71.84559666	Pawcatuck River	1000-05-1	Bacteria	Dry	None	None	Catch Basin		2020-06-03 17:52		2020-05-30 17:52	0.13	xy41.386128_-71.845629	Could not locate OF. Lots of leaves and yard waste in area. Screened 1st	Screened	Not Sampled	Not Sampled
318	41.38255422	-71.85032343	Pawcatuck River	1000-00-4+R6	Bacteria						2020-05-14 18:22		2020-05-08 18:22	0.36		Pipe to OF from CB sealed/walled off	Not Found	Not Sampled	Not Sampled
319	41.3432343	-71.90468548	Southeast Shoreline	2000-04-1	Bacteria	Dry	None	None		Good	2019-02-14 19:00	No	2019-02-12 19:01	0.6		Full of sediment (see picture)	Screened	Not Sampled	Sampled
320	41.39205321	-71.86688334	Anguilla Brook	2101-00-2-L1	None						2020-06-03 20:37		2020-05-30 20:37	0.13			Not Found	Not Sampled	Not Sampled
322	41.35668897	-71.86668047	Anguilla Brook	2101-00-2-L1	None	Dry	None	None		Good	2019-02-27 18:53	No	2019-02-24 18:53	0.81		10"	Screened	Not Sampled	Not Sampled
327	41.41382937	-71.93716465	Copps Brook	2102-00-1	None	Dry	None	None	Outfall	Good	2019-09-20 14:13	No	2019-08-28 14:13	1.31			Screened	Not Sampled	Not Sampled
328	41.36547095	-71.96275464	Mystic River	2106-00-3-R2	Bacteria	Trickle (minor flow)	None	None	Outfall	Good	2019-06-10 18:04	No	2019-06-06 18:06	0.28	41.365468°N 71.962574°W	Dry, garbage and sediment	Screened	Not Sampled	Sampled
329	41.3631763	-71.9629367	Mystic River	2106-00-3-R2	Bacteria	Moderate flow	None	None		Fair	2019-06-10 16:32	Yes	2019-06-06 16:32	0.28		Water flows into outfall from pond. All downstream catch basins contain flowing water. Discharges to outfall 349. Outfall consists of 2 pipes each approximately	Screened	Not Sampled	Not Sampled
330	41.36259316	-71.94809271	Southeast Shoreline	2000-14-1	None	Dry	None	None	Outfall	Good	2019-06-10 19:59	No	2019-06-06 19:59	0.28			Screened	Not Sampled	Not Sampled
331	41.33471726	-71.9294744	Southeast Shoreline	2000-10-1	Bacteria	Dry	None	None	Catch Basin	Fair	2019-06-05 13:06	Yes	2019-06-02 13:06	0.08	41.334512°N 71.929225°W		Screened	Not Sampled	Sampled
332	41.34059772	-71.93976841	Copps Brook	2102-00-2-R3	Bacteria	Dry	None	None		Fair	2019-09-06 13:49	Yes	2019-08-28 12:17	1.31	41.34064°N 71.940074°W	Outfall influenced by tide and usually inundated. Drains wetland from across street. Inspected first upstream CB. No	Screened	Not Sampled	Sampled
336	41.37952034	-71.94392868	Southeast Shoreline	2000-14-1	None												Unscreened	Not Sampled	Not Sampled
337	41.37987707	-71.95553442	Mystic River	2106-00-3-R1	Bacteria						2019-09-06 16:51		2019-08-29 16:51	1.31			Not Found	Not Sampled	Not Sampled
338	41.37964659	-71.95594842	Mystic River	2106-00-3-R1	Bacteria	Dry	None	None	Outfall	Good	2019-09-06 16:16	No	2019-08-28 16:16	1.31			Screened	Not Sampled	Not Sampled
339	41.35229341	-71.95562673	Southeast Shoreline	2000-14-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Good	2019-06-05 19:17	No	2019-06-02 19:17	0.08			Screened	Not Sampled	Sampled
340	41.36404506	-71.96364111	Mystic River	2106-00-3-R2	Bacteria	Moderate flow	None	None		Poor	2019-06-10 16:20	Yes	2019-06-06 16:38	0.28		Water flows from outfall 329 from pond. All upstream catch basins contain flowing	Screened	Not Sampled	Sampled
341	41.34751973	-71.92189374	Southeast Shoreline	2000-07-1	Bacteria	Dry	None	None	Outfall	Good	2019-05-07 13:58	No	2019-05-06 13:58	0.19			Screened	Not Sampled	Not Sampled
342	41.37920036	-71.84791039	Pawcatuck River	1000-00-4+R6	Bacteria						2020-05-14 15:53		2020-05-08 15:54	0.36		OF could be buried under yard waste	Not Found	Not Sampled	Not Sampled
B75	41.33680391	-71.90046972	Southeast Shoreline	2000-02-1	Bacteria, nitrogen, phosphorus		None	None	Catch Basin	Fair	2019-02-27 16:32	Yes	2019-02-24 16:41	0.81	xy41.33775_-71.899705	22" still water	Screened	Not Sampled	Not Sampled
B78	41.33651314	-71.89845235	Southeast Shoreline	2000-02-1	Bacteria, nitrogen, phosphorus	Dry	None	None		Good	2019-02-14 15:55	No	2019-02-12 15:55	0.6			Screened	Not Sampled	Not Sampled
B82	41.33761061	-71.8965113	Southeast Shoreline	2000-02-1	Bacteria, nitrogen, phosphorus	Dry	None	None		Good	2019-02-14 16:09	No	2019-02-12 16:09	0.6			Screened	Not Sampled	Not Sampled
B68	41.33578613	-71.90322264	Southeast Shoreline	2000-02-1	Bacteria, nitrogen, phosphorus												Unscreened	Not Sampled	Not Sampled
B14	41.33674886	-71.90922198	Southeast Shoreline	2000-03-1	None	Dry	None	None	Catch Basin	Poor	2019-02-27 16:30	Yes	2019-02-24 16:33	0.81	xy41.336757_-71.908796		Screened	Not Sampled	Not Sampled
B29	41.33409863	-71.90840331	Southeast Shoreline	2000-03-1	None	Dry	None	None	Catch Basin	Good	2018-09-05 19:00	Yes	2018-08-19 15:37	0.18	xy41.334182_-71.907987		Screened	Not Sampled	Not Sampled
B36	41.33289649	-71.90748312	Southeast Shoreline	2000-03-1	None	Moderate flow	None	None	Catch Basin	Fair	2019-02-27 16:46	Yes	2019-02-24 16:40	0.81	xy41.333045_-71.905824	Tidal influence	Screened	Not Sampled	Not Sampled
B39	41.33155389	-71.9076426			None	Dry	None	None	Catch Basin	Good	2018-09-05 18:30	Yes	2018-08-19 15:42	0.18	xy41.331021_-71.906431	2 HDPE outlets with tidal valves and third smaller HDPE (Stonington Commons-	Screened	Not Sampled	Not Sampled
B369	41.33185036	-71.90471725			Bacteria, nitrogen, phosphorus	Dry	None	None		Good	2018-09-05 17:15	No	2018-08-19 16:01	0.18		Two out falls	Screened	Not Sampled	Sampled
B42	41.33037323	-71.90781395			None						2019-02-14 17:13		2019-02-12 17:13	0.6		Potential upstream structure (see	Not Found	Not Sampled	Not Sampled
B50	41.33059826	-71.90466668	Southeast Shoreline	2000-02-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Outfall	Fair	2018-09-05 18:30	No	2018-08-19 15:16			Sediment accumulation	Screened	Not Sampled	Sampled
B52	41.32999238	-71.90418991			Bacteria, nitrogen, phosphorus						2018-09-05 18:15		2018-08-19 15:50	0.18		Check if abandoned during wet weather	Screened	Not Sampled	Sampled
B54	41.32906046	-71.90430869	Southeast Shoreline	2000-02-1	Bacteria, nitrogen, phosphorus	Dry	None	None	Catch Basin	Fair	2019-02-27 16:23	No	2019-02-24 16:23	0.81	xy41.329189_-71.90463	9.75" diameter. Two mystery out falls labeled Omega St in pictures above	Screened	Not Sampled	Not Located
B57	41.32778688	-71.9063068			None	Dry	None	None		Good	2019-02-27 16:19	No	2019-02-24 16:59	0.81		Sediment accumulation	Screened	Not Sampled	Not Sampled
B7	41.33840804	-71.90884248			None				Catch Basin		2019-02-27 16:08	Yes	2019-02-24 16:30	0.81	xy41.337503_-71.907988	Under water - couldn't find	Not Found	Not Sampled	Not Sampled
B71	41.33711287	-71.90307781	Southeast Shoreline	2000-02-1	Bacteria, nitrogen, phosphorus	Damp (wet, no flow)	None	None		Good	2019-02-27 16:35	No	2019-02-24 16:35	0.81		10" pipe... sediment buildup	Screened	Not Sampled	Not Sampled

FUSS & O'NEILL

Attachment 7

Impaired Waters Sampling Results

Outfall ID	Sample Location	Outfall Submerged	Fecal coliform (MPN/100mL)	Enterococcus (MPN/100mL)	Total Phosphorus (mg/L)	Total Nitrogen (mg/L)	Last Rain Date	Last Rain (in)	Sample Start Time	Sample End Time	Rain Event Start Time	Event Total Rain Depth (in)	Air Temp (°F)	Sample Submission Time	Water Temp (°C)	Sampler Name	Sampling Location ID	Notes
OF 47		No	20	581			2019-10-03	0.11	2019-10-09 12:11	2019-10-09 12:11	2019-10-09 16:00	0.91	54	2019-10-09 16:00	15.6	CMG1		
OF 92		No	51	50	3.21	2.43	2019-10-03	0.11	2019-10-09 15:23	2019-10-09 15:35	2019-10-09 16:00	0.91	54	2019-10-09 17:34	14.2	CMG1		
OF 225		No	2,050	5790			2019-10-03	0.11	2019-10-09 14:09	2019-10-09 14:14	2019-10-09 16:00	0.91	54	2019-10-09 16:00	14.5	CMG1		
OF 328		No	583	2280			2019-10-03	0.11	2019-10-09 13:07	2019-10-09 13:17	2019-10-09 16:00		54	2019-10-09 16:00	15.1	CMG1		
OF 245		No	2,360	7270			2019-10-03	0.11	2019-10-09 15:52	2019-10-09 16:01	2019-10-09 16:00	0.91	54	2019-10-09 16:00	13.4	CMG1		
OF 328		No	583	2280			2019-10-03	0.11	2019-10-09 13:07	2019-10-09 13:17	2019-10-09 16:00		54	2019-10-09 17:34	15.1	CMG1		
OF-10	Manhole	Yes	41	1110			2020-04-09	0.7	2020-04-13 12:30	2020-04-13 12:40	2020-04-13 8:20	1.22	51	2020-04-13 16:56	11.9	CMG1	xy41.365702_-71.962742	Couldn't locate OF. Sampled 1st upstream MH
OF-340		No	10	148			2020-04-09	0.7	2020-04-13 12:45	2020-04-13 12:55	2020-04-13 8:20	1.22	51	2020-04-13 16:56	11.8	CMG1		Fecal concentration is <10
OF-106		No	20	41			2020-04-09	0.7	2020-04-13 12:55	2020-04-13 13:05	2020-04-13 8:20	1.22	51	2020-04-13 16:56	11.9	CMG1		
OF-105		No	75	171			2020-04-09	0.7	2020-04-13 13:10	2020-04-13 13:20	2020-04-13 8:20	1.22	51	2020-04-13 16:56	11.8	CMG1		
OF-36	Catch Basin	Yes	41	63			2020-04-09	0.7	2020-04-13 13:20	2020-04-13 13:30	2020-04-13 8:20	1.22	51	2020-04-13 16:56	11.9	CMG1	xy41.355253_-71.967324	OF under pier and not accessible. Sampled from 1st upstream CB
OF-134	Catch Basin	Yes	20	52	0.043	0.94	2020-04-09	0.7	2020-04-13 13:40	2020-04-13 13:50	2020-04-13 8:20	1.22	51	2020-04-13 16:56	9.6	CMG1	xy41.35108_-71.956604	CB not inundated, but not flowing. Sampled from upstream CB
OF-339		No	20	187	0.066	1.01	2020-04-09	0.7	2020-04-13 13:50	2020-04-13 14:00	2020-04-13 8:20	1.22	51	2020-04-13 16:56	11.6	CMG1		
OF-88		No	135	1520	0.116	0.8	2020-04-09	0.7	2020-04-13 14:00	2020-04-13 14:10	2020-04-13 8:20	1.22	51	2020-04-13 16:56	11.2	CMG1		
OF-89		No	10	10	0.033	1.23	2020-04-09	0.7	2020-04-13 14:05	2020-04-13 14:15	2020-04-13 8:20	1.22	51	2020-04-13 16:56	11	CMG1		
OF-90		No	529	2100	0.06	1.12	2020-04-09	0.7	2020-04-13 14:15	2020-04-13 14:25	2020-04-13 20:20	1.22	51	2020-04-13 16:56	10.9	CMG1		
OF-110		No	173	199	0.037	0.57	2020-04-09	0.7	2020-04-13 14:25	2020-04-13 14:35	2020-04-13 8:20	1.22	51	2020-04-13 16:56	10.8	CMG1		
OF-10	Catch Basin	Yes	41	1110			2020-04-09	0.7	2020-04-13 12:35	2020-04-13 12:35	2020-04-13 8:20	1.22	75	2020-04-13 16:56	11.9	CMG1	xy41.36571_-71.962487	
OF-340		No	10	148			2020-04-09	0.7	2020-04-14 0:50	2020-04-13 12:50	2020-04-13 8:20	1.22	75	2020-04-13 16:56	11.8	CMG1		
OF-106		No	20	41			2020-04-09	0.7	2020-04-13 13:00	2020-04-13 13:00	2020-04-13 8:20	1.22	76	2020-04-13 16:56	11.9	CMG1		
OF-105		No	75	171			2020-04-09	0.7	2020-04-13 13:15	2020-04-13 13:15	2020-04-13 8:20	1.22	76	2020-04-13 16:56	11.8	CMG1		
OF-36	Catch Basin	Yes	41	63			2020-04-09	0.7	2020-04-13 13:25	2020-04-13 13:25	2020-04-13 8:20	1.22	77	2020-04-13 16:56	11.9	CMG1	xy41.355253_-71.967324	
OF-134	Catch Basin	Yes	20	52	0.043	0.93	2020-04-09	0.7	2020-04-13 13:45	2020-04-13 17:31	2020-04-13 8:20	1.22	78	2020-04-13 16:56	9.6	CMG1	xy41.351115_-71.956667	
OF-339		No	20	187	0.066	0.59	2020-04-09	0.7	2020-04-13 13:55	2020-04-13 13:55	2020-04-13 8:20	1.22	79	2020-04-13 16:56	11.6	CMG1		
OF-88		No	135	1520	0.116	0.78	2020-04-09	0.7	2020-04-13 14:05	2020-04-13 14:05	2020-04-13 8:20	1.22	79	2020-04-13 16:56	11.2	CMG1		
OF-89		No	10	10	0.033	1.23	2020-04-09	0.7	2020-04-13 14:10	2020-04-13 14:10	2020-04-13 8:20	1.22	79	2020-04-13 16:56	11	CMG1		
OF-90		No	529	2100	0.06	1.12	2020-04-09	0.7	2020-04-13 14:20	2020-04-13 14:20	2020-04-13 8:20	1.22	79	2020-04-13 16:56	10.9	CMG1		
OF-110		No	173	199	0.037	0.34	2020-04-09	0.7	2020-04-13 14:30	2020-04-13 14:30	2020-04-13 8:20	1.22	80	2020-04-13 16:56	10.8	CMG1		
OF-38	Catch Basin	Yes	2,100	867			2020-10-13	0.87	2020-10-16 16:30	2020-10-16 16:35	2020-10-16 16:00	0.74	65	2020-10-16 20:30	16.7	CMG1	xy41.353797_-71.96831	
OF-32	Catch Basin	Yes	5,790	708			2020-10-13	0.87	2020-10-16 16:50	2020-10-16 16:55	2020-10-16 16:00	0.74	65	2020-10-16 20:30	16.7	CMG1	xy41.34064_-71.940074	
OF-76		No	148	231			2020-10-13	0.87	2020-10-16 17:00	2020-10-16 17:05	2020-10-16 16:00	0.74	65	2020-10-16 20:30	16.7	CMG1		
OF-77	Catch Basin	Yes	414	292			2020-10-13	0.87	2020-10-16 17:15	2020-10-16 17:20	2020-10-16 16:00	0.74	65	2020-10-16 20:30	16.7	CMG1	xy41.348182_-71.937676	
OF-20		No	97	537			2020-10-13	0.87	2020-10-16 17:25	2020-10-16 17:30	2020-10-16 16:00	0.74	65	2020-10-16 20:30	16.7	CMG1		
OF-230		No	5,170	7700			2020-10-13	0.87	2020-10-16 17:35	2020-10-16 17:40	2020-10-16 16:00	0.74	65	2020-10-16 20:30	16.7	CMG1		Pipe flap broken
OF-231		No	85	1680			2020-10-13	0.87	2020-10-16 17:45	2020-10-16 17:50	2020-10-16 16:00	0.74	65	2020-10-16 20:30	16.7	CMG1		
OF-331		No	228	2580			2020-10-13	0.87	2020-10-16 17:55	2020-10-16 18:00	2020-10-16 16:00	0.74	65	2020-10-16 20:30	16.7	CMG1		
OF-39	Catch Basin	Yes	820	1400			2020-10-13	0.87	2020-10-16 18:05	2020-10-16 18:10	2020-10-16 16:00	0.74	65	2020-10-16 20:30	16.7	CMG1	xy41.333396_-71.929313	
OF-235		No	17,300	24200			2020-10-13	0.87	2020-10-16 18:15	2020-10-16 18:20	2020-10-16 16:00	0.74	65	2020-10-16 20:30	16.7	CMG1		Entero concentration was >24200
OF-236	Catch Basin	Yes	52	173			2020-10-16	0.87	2020-10-16 18:25	2020-10-16 18:30	2020-10-16 16:00	0.74	65	2020-10-16 20:30	16.7	CMG1	xy41.334333_-71.927448	2 OFs tho only 1 mapped
OF-38	Catch Basin	Yes	2,100	867			2020-10-13	0.87	2020-10-16 16:30	2020-10-16 16:35	2020-10-16 16:00	0.74	65	2020-10-16 20:30	16.7	CMG1	xy41.353799_-71.968448	
OF-16	Catch Basin	Yes	20	150			2020-11-26	0.44	2020-11-30 17:30	2020-11-30 17:35	2020-11-30 17:00	0.8	58	2020-11-30 22:25	13.2	CMG1	xy41.350033_-71.921347	Sampled from first upstream CB
OF-63		No	959	2140			2020-11-26	0.44	2020-11-30 17:40	2020-11-30 17:45	2020-11-30 17:00	0.8	58	2020-11-30 22:25	13.2	CMG1		
OF-154		No	15,500	1720			2020-11-26	0.44	2020-11-30 17:50	2020-11-30 17:55	2020-11-30 17:00	0.8	58	2020-11-30 22:25	13.2	CMG1		
OF-10	Catch Basin	Yes	10	118			2020-11-26	0.44	2020-11-30 18:00	2020-11-30 18:05	2020-11-30 17:00	0.8	58	2020-11-30 22:25	13.2	CMG1	xy41.346329_-71.919317	Sampled from first upstream CB. Fecal results were <10 MPN/100 mls
OF-156	Catch Basin	Yes	63	216			2020-11-26	0.44	2020-11-30 18:10	2020-11-30 18:15	2020-11-30 17:00	0.8	58	2020-11-30 22:25	13.2	CMG1	xy41.34643_-71.918359	Sampled from first upstream CB
OF-161		No	384	5480			2020-11-26	0.44	2020-11-30 18:20	2020-11-30 18:25	2020-11-30 17:00	0.8	58	2020-11-30 22:25	13.2	CMG1		
OF-159	Catch Basin	Yes	2,110	405			2020-11-30	0.44	2020-11-30 18:30	2020-11-30 18:35	2020-11-30 17:00	0.8	58	2020-11-30 22:25	13.2	CMG1	xy41.347023_-71.907692	Sampled from first upstream CB
OF-96		No	86	14100			2020-11-26	0.44	2020-11-30 18:40	2020-11-30 18:45	2020-11-30 17:00	0.8	58	2020-11-30 22:25	13.2	CMG1		
OF-97		No	86	1350			2020-11-26	0.44	2020-11-30 18:45	2020-11-30 18:50	2020-11-30 17:00	0.8	58	2020-11-30 22:25	13.2	CMG1		
OF-162		No	110	1720			2020-11-26	0.44	2020-11-30 18:55	2020-11-30 19:00	2020-11-30 17:00	0.8	58	2020-11-30 22:25	13.2	CMG1		
OF-319		No	496	4110			2020-11-26	0.44	2020-11-30 19:05	2020-11-30 19:10	2020-11-30 17:00	0.8	58	2020-11-30 22:25	13.2	CMG1		
OF-B 369		No	132	1380	0.153	0.62	2020-11-26	0.44	2020-11-30 19:20	2020-11-30 19:25	2020-11-30 17:00	0.8	58	2020-11-30 22:25	13.2	CMG1		
OF- B 50		No	122	14100	0.07	0.42	2020-11-26	0.44	2020-11-30 19:45	2020-11-30 19:50	2020-11-30 17:00	0.8	58	2020-11-30 22:25	13.2	CMG1		
OF-B 52	Catch Basin	Yes	301	1290	0.139	0.74	2020-11-26	0.44	2020-11-30 20:00	2020-11-30 20:05	2020-11-30 17:00	0.8	58	2020-11-30 22:25	13.2	CMG1	xy41.329949_-71.904681	Sampled from first upstream CB